

AIR MONITORING SUMMARY REPORT

**Hot Spot Delineation and Excavation
Remedial Action, Parcel E-2
Hunters Point Naval Shipyard
San Francisco, California**

Monitoring Period November 11th, 2014 through January 17th, 2017

Prepared Under:

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LIST OF ABBREVIATIONS AND ACRONYMS

AMSR	Air Monitoring Summary Report
Cal/OSHA	California Occupational Safety and Health Administration
Cfm	cubic feet per minute
CFR	Code of Federal Regulations
CTO	Contract Task Order
DCP	Dust Control Plan
EPA	United States Environmental Protection Agency
Gilbane	Gilbane Federal
HPNS	Hunters Point Naval Shipyard
L/min	liters per minute
mg/m ³	milligrams per cubic meter
Navy	U.S. Department of the Navy
NIOSH	National Institute for Occupational Safety and Health
PAH	polycyclic aromatic hydrocarbon
PEL	permissible exposure limit
PCB	polychlorinated biphenyl
PM10	particulate matter less than 10 microns in diameter
PUF	Polyurethane foam
SSHO	Site Safety and Health Officer
TWA	time-weighted average
µg/m ³	micrograms per cubic meter

1.0 INTRODUCTION

This Air Monitoring Summary Report (AMSR) was prepared by Gilbane Federal (Gilbane) as requested by the United States Department of the Navy (Navy) under Radiological Environmental Multiple Award Contract N62473-10-D-0808, Contract Task Order (CTO) 0007. Gilbane is performing air monitoring at Hunters Point Naval Station (HPNS) in accordance with the Final Dust Control Plan (DCP), included as Appendix D to Hot Spot Delineation and Excavation Remedial Action Final Work Plan for Parcel E-2, Hunters Point Naval Shipyard, San Francisco, California (ITSI Gilbane Company, 2014). The DCP describes the procedures that minimize dust during work activities, and requires air monitoring to ensure these procedures are effective. The DCP helps prevent exposure of residents and construction crews to potential airborne chemicals of concern, and dust from the work area.

This summary report describes the following:

- Where and how air monitoring samples were collected
- What test methods were used to analyze air monitoring samples
- How air monitoring data were evaluated

This AMSR summarized the air monitoring activities conducted by Gilbane at Hunters Point Naval Shipyard (HPNS) from November 11th, 2014 through January 17th, 2017 and compares the results with the established action levels included in the Work Plan (ITSI Gilbane Company, 2014).

2.0 MONITORING SITE LOCATIONS

Air monitoring stations were deployed at one upwind and one downwind location from the work area whenever active soil handling operations were in progress. Based on past meteorological data, the prevalent wind direction at HPNS was from the west or west-southwest. Locations of the air monitoring stations are presented on Figure 1. Air monitoring was performed to estimate and assess the impact of field activities. The location of air monitoring stations were determined based on the prevailing wind direction, and were modified as needed for accessibility consideration and worker safety. Wind direction was monitored daily using a wind sock. Atmospheric parameters were checked daily at www.wunderground.com from station KCABRISB5 (see Attachment 1). Monitoring stations remained stationary while sampling was conducted.

Each monitoring station included four different monitoring systems:

1. Asbestos
2. Particulate matter less than 10 microns in diameter (PM10),
3. Total Suspended Particulates (TSP), which was also analyzed for arsenic, lead and manganese.
4. Polyurethane Foam (PUF), which was analyzed for either polychlorinated biphenyl (PCB) or polycyclic aromatic hydrocarbon (PAH).

3.0 ANALYTICAL METHODS

Asbestos. Air samples were sampled and analyzed in accordance with National Institute for Occupational Safety and Health (NIOSH) Method 7400, from the *NIOSH Manual of Analytical Methods* (NIOSH, 1994). Method 7400 requires that samples were collected on three-piece cellulose ester filters fitted with conductive cowlings at a sampling rate of between 0.5 liters per minute (L/min) and 16 L/min. Each sample was collected over a period not to exceed 24 hours.

PM10. Air samples were sampled in accordance with the U.S. Environmental Protection Agency (EPA) reference sampling method for PM10, described in 40 CFR 50, Subpart J. Each sample was collected on a filter over an approximately 24-hour period; the filter was then weighted to determine the amount of PM10 collected.

TSP, Manganese, Arsenic and Lead. TSP samples were collected with a high-volume (39 to 60 cubic feet per minute [cfm]) air sampler in accordance with EPA's reference sampling method for TSP, described in Title 40 Code of Federal Regulations (CFR), Part 50, Subpart B. Each sample was collected on a filter over an approximately 24 hour period; the filter was then weighted to determine the amount of TSP collected. Once the filter weight was determined, the sample was analyzed for manganese and arsenic in accordance with one of the IO-3 methods identified in Compendium of Methods for the Determination of Inorganic Compounds in Ambient Air (EPA, 1999), and for lead in accordance with a modified EPA Method 12. The equipment specifications and sampling procedures have complied with the specifications provided in the regulations for the sampler, filter, accuracy, calibration, and quality assurance.

PCBs/PAHs. Air samples were sampled and analyzed for PCBs in accordance with EPA TO-4A. A high-volume (approximately 8 cfm) sampler was used to collect PCBs on a sampling cartridge containing polyurethane foam. The same sampler was used for collection of PAH samples and alternated between PCB and PAH samples, in accordance of the DCP. The sampler operated for an approximately 24-hour

period, after which the cartridge was returned to the laboratory for analysis. PAHs were sampled and analyzed in accordance with EPA TO-13A.

4.0 ANALYSIS OF AIR MONITORING DATA

Analytical data from air monitoring samples were compared with the threshold criteria listed in Table 1.

Table 1 Air Monitoring Threshold Criteria

Test Parameter	Threshold Criterion	Threshold Criteria Reference
Asbestos	0.1 fiber/cm ³	Cal/OSHA PEL
PM10	5,000 ug/m ³	Cal/OSHA PEL ^a
TSP	5.0 mg/m ³	Basewide HPNS Level selected to minimize overall permissible dust release from sites
Arsenic	0.010 mg/m ³	Cal/OSHA PEL
Lead	0.050 mg/m ³	Cal/OSHA PEL
Manganese	0.200 mg/m ³	Cal/OSHA PEL
PCBs	500 ug/m ³	Cal/OSHA PEL
PAHs	200 ug/m ³	Cal/OSHA PEL

Note:

^a = Cal/OSHA PEL for particulates not otherwise regulated (respirator) used for PM10.

µg/m³ = micrograms per cubic meter

Cal/OSHA = California Division of Occupational Safety and Health Administration

fiber/cm³ = fiber per cubic centimeter

HPNS = Hunters Point Naval Shipyard

mg/m³ = milligrams per cubic meter

PAH = polycyclic aromatic hydrocarbon

PCB = polychlorinated biphenyl

PEL = permissible exposure limit

PM10 = particulate matter less than 10 microns in diameter

TSP = total suspended particulates

Construction and remediation activities conducted between November 11th, 2014 and January 17th, 2017 did not result in the exceedance of the established threshold criteria.

5.0 AIR MONITORING RESULTS

Weather information (including ambient pressure and temperature data) and air monitoring results are presented in the tables included as Attachment 1. Data were collected from upwind Station 33 and downwind Stations 11 and 13 from November 11, 2014 thru May 4, 2016 when Gilbane was excavating in Parcel E-2 and transporting excavated soils to the RSY pads. Data was collected from upwind Station 9 and downwind Station 14 from May 12, 2016 to August 2, 2016 when Gilbane was transporting RSY

pad soil from Parcel E-2 to RSY 4. Between August 8, 2016 to January 17, 2017 Gilbane collected data from upwind Stations 10 and 32 and downwind Station 9 when Gilbane was working on the maintenance of the RSY pads in Parcel E-2 and transporting soil in RSY 4. Samples were not collected during periods of site inactivity, rain events, and/or while site work was limited to non-earth moving tasks.

6.0 REFERENCE

National Institute for Occupational Safety and Health, (NIOSH), 1994. *Manual of Analytical Methods*.

United States Environmental Protection Agency (EPA), 1998. *Quality Assurance Handbook for Air Pollution Measurement Systems, Volume II: Ambient Air Specific Methods*.

ITSI Gilbane Company, 2014. *Final Work Plan Hot Spot Delineation and Excavation Remedial Action, Parcel E-2, Hunters Point Naval Shipyard, San Francisco, California*. March.

FIGURES



ATTACHMENTS

Table 1
Ambient Pressure and Temperature Monitoring Results

Date	Ambient Pressure (in Hg)	Ambient Temperature (°F)
11/11/2014	29.86	58.5
11/12/2014	29.94	59.7
11/13/2014	29.94	59.5
11/17/2014	30.12	58.2
11/18/2014	30.04	58.4
11/24/2014	30.31	58.0
12/1/2014	29.84	58.2
12/8/2014	30.10	60.9
12/9/2014	30.09	59.9
1/7/2015	30.09	58.7
1/8/2015	29.99	56.3
1/12/2015	30.17	53.5
1/13/2015	30.11	56.7
1/14/2015	30.16	53.7
1/19/2015	30.18	56.8
1/20/2015	30.06	53.8
1/21/2015	30.07	54.8
1/26/2015	29.94	56.6
1/27/2015	30.10	61.3
2/9/2015	30.09	58.7
2/10/2015	30.11	56.5
2/11/2015	30.09	58.5
2/12/2015	30.12	62.7
2/17/2015	30.05	53.5
2/18/2015	30.12	57.3
2/19/2015	30.05	56.4
3/9/2015	29.94	55.9
3/10/2015	29.91	54.3
3/16/2015	30.02	55.4
3/17/2015	30.02	55.4
3/24/2015	30.22	56.6
3/25/2015	30.14	59.0
3/26/2015	30.06	60.5
3/30/2015	29.98	55.3
3/31/2015	30.12	53.9
4/1/2015	30.08	53.8
4/2/2015	30.10	56.2
4/14/2015	30.20	56.4
4/15/2015	30.07	64.2
4/20/2015	29.82	54.3
4/21/2015	29.82	52.8
4/22/2015	29.81	55.8
4/27/2015	29.94	57.3
4/28/2015	29.92	54.6
4/29/2015	29.85	62.4
4/30/2015	29.79	66.6
5/6/2015	29.85	54.5
5/7/2015	29.75	56.4
5/8/2015	29.88	54.5
5/11/2015	29.85	53.2
5/13/2015	29.86	55.2

Table 1
Ambient Pressure and Temperature Monitoring Results

Date	Ambient Pressure (in Hg)	Ambient Temperature (°F)
5/19/2015	29.91	55.8
5/20/2015	29.90	56.8
5/26/2015	29.95	56.2
5/27/2015	29.96	55.2
5/28/2015	29.96	56.5
5/29/2015	29.89	56.7
6/1/2015	29.96	62.4
6/2/2015	29.91	59.3
6/3/2015	29.88	58.2
6/4/2015	29.76	60.2
6/8/2015	29.79	68.0
6/9/2015	29.82	64.8
6/11/2015	29.98	65.4
6/15/2015	29.85	57.5
6/16/2015	29.88	59.2
6/17/2015	29.89	58.2
6/18/2015	29.91	58.8
6/22/2015	29.93	59.6
6/23/2015	29.91	60.3
6/25/2015	29.86	58.2
6/29/2015	29.91	65.9
6/30/2015	29.82	68.6
7/1/2015	29.84	67.6
7/6/2015	29.95	65.9
7/7/2015	29.89	64.9
7/8/2015	29.82	64.7
7/9/2015	29.85	63.1
7/13/2015	29.90	62.4
7/14/2015	29.85	64.8
7/15/2015	29.84	67.2
7/20/2015	29.93	66.5
7/21/2015	29.85	63.8
7/22/2015	29.87	63.0
7/27/2015	29.86	67.1
7/28/2015	29.83	70.0
7/29/2015	29.90	67.3
7/30/2015	29.91	62.0
8/3/2015	29.91	66.0
8/4/2015	29.96	65.8
8/5/2015	29.92	65.0
8/6/2015	29.82	66.1
8/10/2015	29.88	66.9
8/11/2015	29.94	67.8
8/12/2015	29.98	68.9
8/13/2015	29.99	68.2
8/17/2015	29.83	67.2
8/18/2015	29.84	67.9
8/19/2015	29.88	65.1
8/20/2015	29.85	64.6
8/24/2015	29.97	64.4
8/25/2015	29.94	65.2

Table 1
Ambient Pressure and Temperature Monitoring Results

Date	Ambient Pressure (in Hg)	Ambient Temperature (°F)
8/26/2015	29.96	67.9
8/27/2015	29.91	71.7
8/31/2015	29.86	67.4
9/1/2015	29.86	66.2
9/2/2015	29.87	65.3
9/3/2015	29.83	62.2
9/8/2015	29.81	75.3
9/9/2015	29.80	77.3
9/10/2015	29.83	70.6
9/14/2015	29.77	66.6
9/15/2015	29.86	65.8
9/16/2015	29.96	67.4
9/17/2015	29.94	67.4
9/21/2015	29.78	69.2
9/22/2015	29.80	69.1
9/23/2015	29.86	63.7
9/24/2015	29.87	70.8
9/25/2015	29.84	65.2
9/28/2015	29.88	63.8
9/29/2015	29.93	64.1
10/5/2015	29.88	63.7
10/6/2015	30.03	62.0
10/7/2015	30.07	59.3
10/8/2015	30.02	64.2
10/13/2015	29.95	68.1
10/14/2015	29.93	66.3
10/15/2015	29.91	62.1
10/16/2016	29.88	63.8
10/19/2015	29.96	62.6
10/20/2015	29.93	65.0
10/21/2015	29.90	66.1
10/22/2015	29.92	64.9
10/26/2015	29.92	64.8
10/27/2015	29.94	62.6
10/29/2015	29.90	66.0
11/3/2015	29.79	56.5
11/4/2015	29.96	56.5
11/5/2015	30.08	57.9
11/6/2015	30.02	56.3
11/10/2015	30.09	54.1
11/11/2015	30.15	55.9
11/16/2015	30.08	53.5
11/17/2015	30.15	55.6
11/18/2015	30.16	60.5
11/19/2015	29.99	60.3
11/23/2015	29.77	51.3
11/30/2015	30.16	49.8
12/1/2015	30.07	53.1
12/2/2015	30.11	54.2
12/7/2015	30.20	59.4
12/8/2015	30.11	59.3

Table 1
Ambient Pressure and Temperature Monitoring Results

Date	Ambient Pressure (in Hg)	Ambient Temperature (°F)
12/9/2015	29.86	60.7
12/15/2015	30.23	49.8
12/16/2015	30.19	49.8
12/17/2015	30.17	48.3
1/27/2016	30.28	56.5
1/28/2016	30.19	56.5
2/1/2016	30.27	50.7
2/3/2016	30.37	50.2
2/4/2016	30.37	50.4
2/8/2016	30.18	59.3
2/9/2016	30.15	58.7
2/10/2016	30.15	62.0
2/11/2016	30.12	60.3
2/15/2016	29.94	63.6
2/16/2016	29.68	66.2
2/22/2016	30.18	59.2
2/23/2016	30.18	61.5
2/24/2016	29.99	61.0
2/25/2016	30.14	58.6
2/29/2016	30.08	56.9
3/1/2016	30.06	58.6
3/2/2016	30.06	58.6
3/8/2016	30.04	54.2
3/15/2016	30.10	54.9
3/16/2016	30.02	57.8
3/17/2016	29.92	57.0
3/21/2016	30.12	55.2
3/22/2016	30.19	53.9
3/23/2016	30.08	56.6
3/24/2016	30.08	56.6
3/28/2016	29.88	53.2
3/29/2016	29.89	53.6
3/30/2016	29.97	54.3
3/31/2016	30.11	54.5
4/4/2016	30.13	59.1
4/5/2016	30.05	65.7
4/6/2016	29.98	66.5
4/20/2016	29.79	62.9
4/25/2016	29.91	55.8
4/26/2016	29.90	54.3
5/3/2016	29.91	56.8
5/4/2016	29.92	56.7
5/9/2016	29.92	54.7
5/10/2016	29.99	54.1
5/11/2016	29.99	53.5
5/12/2016	30.00	56.2
5/16/2016	29.91	62.1
5/17/2016	29.88	60.6
5/18/2016	29.88	55.2
5/19/2016	29.96	64.9
5/23/2016	29.92	56.8

Table 1
Ambient Pressure and Temperature Monitoring Results

Date	Ambient Pressure (in Hg)	Ambient Temperature (°F)
5/24/2016	29.98	56.8
5/25/2016	30.15	56.6
5/26/2016	29.91	60.7
5/28/2016	29.03	59.9
5/31/2016	29.83	59.9
6/1/2016	29.87	59.5
6/2/2016	24.27	65.6
6/6/2016	29.84	58.6
6/7/2016	29.87	58.8
6/8/2016	29.90	58.0
6/9/2016	29.85	59.4
6/13/2016	29.92	58.2
6/14/2016	29.90	58.1
6/15/2016	29.99	57.8
6/20/2016	29.83	62.3
6/21/2016	29.88	59.8
6/22/2016	29.90	57.8
6/23/2016	30.00	59.4
6/27/2016	29.94	55.5
6/28/2016	29.93	54.0
6/30/2016	29.93	53.3
7/7/2016	29.89	59.5
7/12/2016	29.92	58.1
7/13/2016	29.92	58.9
7/14/2016	29.88	57.9
7/26/2016	29.83	59.0
8/1/2016	29.94	59.3
8/2/2016	29.94	57.7
8/8/2016	29.80	60.6
8/9/2016	29.81	60.5
8/10/2016	29.89	57.8
8/11/2016	29.96	58.3
8/15/2016	29.89	55.9
8/16/2016	29.85	58.0
8/17/2016	29.81	58.8
8/18/2016	29.84	60.1
8/31/2016	29.94	60.1
9/1/2016	29.87	59.0
9/6/2016	29.83	65.6
9/7/2016	29.94	64.7
9/8/2016	30.00	58.2
9/12/2016	29.86	59.1
9/13/2016	29.93	61.0
9/14/2016	30.03	58.7
9/15/2016	29.96	56.8
9/19/2016	29.89	64.2
9/20/2016	29.90	59.5
9/21/2016	29.95	50.7
9/22/2016	30.02	58.8
9/26/2016	29.89	70.4
9/27/2016	29.83	61.2

Table 1
Ambient Pressure and Temperature Monitoring Results

Date	Ambient Pressure (in Hg)	Ambient Temperature (°F)
9/28/2016	29.94	56.2
9/29/2016	30.02	55.8
10/3/2016	30.02	59.8
10/12/2016	29.99	58.7
11/9/2016	29.94	73.6
12/12/2016	30.05	55.0
12/13/2016	29.97	60.2
12/14/2016	29.82	57.1
1/5/2017	30.10	46.3
1/6/2017	29.99	56.9
1/16/2017	30.12	44.5
1/17/2017	29.97	48.0

Note:

°F = degree Fareheit

in Hg = inches of mercury

Data from (www.wunderground.com) (Station KCABRISB5)

Table 2**Asbestos Monitoring Results**

Cal-OSHA Permissible Exposure Limit: 0.1 fiber/cc

Sample, Date and Station Information			Sampler Run Information		Asbestos Fibers		
Sample ID	Sample Start Date ¹	Monitoring Station	Duration of Run (min)	Total Air Volume Monitored (m ³)	Asbestos (fibers)	Conc Asbestos (fibers/cm ³)	Exceedance (Yes/No)
MS11-111114	11/11/14	11	464	928	0	<0.0031	No
MS33-111114	11/11/14	33	463	880	0	<0.0031	No
MS11-111214	11/12/14	11	419	838	0	<0.0032	No
MS33-111214	11/12/14	33	407	814	0	<0.0033	No
MS11-111314	11/13/14	11	383	766	0	<0.0035	No
MS33-111314	11/13/14	33	410	820	0	<0.0033	No
MS11-111714	11/17/14	11	497	994	0	<0.0027	No
MS33-111714	11/17/14	33	426	852	0	<0.0032	No
MS11-111814	11/18/14	11	452	904	0	<0.0030	No
MS31-111814	11/18/14	31	408	816	9	0.0054	No
MS11-112414	11/24/14	11	371	742	0	<0.0036	No
MS33-112414	11/24/14	33	373	746	0	<0.0036	No
MS11-120114	12/01/14	11	395	790	0	<0.0034	No
MS13-120114	12/01/14	13	333	666	0	<0.0041	No
MS11-120814	12/08/14	11	505	1010	0	<0.0027	No
MS13-120114	12/08/14	13	461	922	0	<0.0029	No
MS11-120914	12/09/14	11	479	958	0	<0.0028	No
MS13-120914	12/09/14	13	435	870	1	<0.0031	No
MS11-010715	01/07/15	11	362	724	0	<0.0039	No
MS13-010715	01/07/15	13	236	448	0	<0.006	No
MS11-010815	01/08/15	11	336	638	0	<0.0042	No
MS13-010815	01/08/15	13	369	701	0	<0.0038	No
MS11-011215	01/12/15	11	434	846	0	<0.0032	No
MS13-011215	01/12/15	13	386	695	2	0.00141	No
MS11-011315	01/13/15	11	420	798	1	<0.0034	No
MS13-011315	01/13/15	13	408	775	0	<0.0035	No
MS11-011415	01/14/15	11	413	785	0	<0.0034	No
MS13-011415	01/14/15	13	388	737	0	<0.0037	No
MS11-011915	01/19/15	11	377	754	0	<0.0036	No
MS13-011915	01/19/15	13	407	814	0	<0.0033	No
MS11-012015	01/20/15	11	367	734	0	<0.0037	No
MS13-012015	01/20/15	13	394	788	1	<0.0034	No
MS11-012115	01/21/15	11	258	516	0	<0.0052	No
MS13-012115	01/21/15	13	292	584	2	<0.0046	No
MS11-012615	01/26/15	11	397	794	0	<0.0034	No
MS13-012615	01/26/15	13	375	694	0	<0.0039	No
MS11-012715	01/27/15	11	415	809	0	<0.0033	No
MS13-012715	01/27/15	13	385	770	0	<0.0035	No
MS11-020915	02/09/15	11	447	894	0	<0.003	No
MS13-020915	02/09/15	13	477	906	0	<0.003	No
MS11-021015	02/10/15	11	412	824	0	<0.0033	No
MS13-021015	02/10/15	13	410	820	0	<0.0033	No
MS11-021115	02/11/15	11	475	950	0	<0.0028	No
MS13-021115	02/11/15	13	450	900	0	<0.003	No
MS11-021215	02/12/15	11	430	860	0	<0.0031	No
MS13-021215	02/12/15	13	405	810	0	<0.0033	No
MS11-021715	02/17/15	11	443	886	0	<0.003	No
MS13-021715	02/17/15	13	413	826	0	<0.0033	No

Table 2**Asbestos Monitoring Results**

Cal-OSHA Permissible Exposure Limit: 0.1 fiber/cc

Sample, Date and Station Information			Sampler Run Information		Asbestos Fibers		
Sample ID	Sample Start Date ¹	Monitoring Station	Duration of Run (min)	Total Air Volume Monitored (m ³)	Asbestos (fibers)	Conc Asbestos (fibers/cm ³)	Exceedance (Yes/No)
MS11-021815	02/18/15	11	480	960	0	<0.0028	No
MS13-021815	02/18/15	13	592	1184	0	<0.0027	No
MS11-021915	02/19/15	11	476	952	0	<0.0028	No
MS13-021915	02/19/15	13	458	916	0	<0.0029	No
MS11-030915	03/09/15	11	440	880	0	<0.0031	No
MS13-030915	03/09/15	13	421	842	0	<0.0032	No
MS11-031015	03/10/15	11	409	818	0	<0.0033	No
MS13-031015	03/10/15	13	453	906	0	<0.0030	No
MS11-031615	03/16/15	11	489	978	0	<0.0028	No
MS13-031615	03/16/15	13	470	940	0	<0.0029	No
MS11-031715	03/17/15	11	335	670	0	<0.0030	No
MS13-031715	03/17/15	13	405	810	0	<0.0033	No
MS11-032415	03/24/15	11	430	860	0	<0.0031	No
MS13-032415	03/24/15	13	383	766	0	<0.0035	No
MS11-032515	03/25/15	11	442	884	0	<0.0031	No
MS13-032515	03/25/15	13	437	874	0	<0.0031	No
MS11-032615	03/26/15	11	437	874	0	<0.0031	No
MS13-032615	03/26/15	13	420	840	1	<0.0032	No
MS11-033015	03/30/15	11	435	870	0	<0.0031	No
MS13-033015	03/30/15	13	418	836	0	<0.0032	No
MS11-033115	03/31/15	11	475	950	1	<0.0028	No
MS13-033115	03/31/15	13	462	924	0	<0.0029	No
MS11-040115	04/01/15	11	425	850	0	<0.0032	No
MS13-040115	04/01/15	13	391	782	0	<0.0034	No
MS11-040214	04/02/15	11	427	854	0	<0.0032	No
MS13-040215	04/02/15	13	429	858	0	<0.0031	No
MS11-041415	04/14/15	11	515	1030	0	<0.0026	No
MS13-041415	04/14/15	13	480	960	0	<0.0028	No
MS11-041515	04/15/15	11	470	940	0	<0.0029	No
MS13-041515	04/15/15	13	430	860	0	<0.0031	No
MS11-042015	04/20/15	11	459	918	0	<0.0029	No
MS13-042015	04/20/15	13	453	906	0	<0.0030	No
MS11-042115	04/21/15	11	505	1010	0	<0.0027	No
MS13-042115	04/21/15	13	473	946	0	<0.0029	No
MS11-042215	04/22/15	11	485	970	0	<0.0028	No
MS13-042215	04/22/15	13	456	912	0	<0.0030	No
MS11-042715	04/27/15	11	495	990	0	<0.0027	No
MS13-042715	04/27/15	13	480	960	0	<0.0028	No
MS11-042815	04/28/15	11	473	946	0	<0.0029	No
MS13-042815	04/28/15	13	470	940	1	0.00052	No
MS11-042915	04/29/15	11	478	956	0	<0.0028	No
MS13-042915	04/29/15	13	468	936	0	<0.0029	No
MS11-043015	04/30/15	11	411	822	0	<0.0033	No
MS13-043015	04/30/15	13	400	800	0	<0.0034	No
MS11-050615	05/06/15	11	442	884	0	<0.0031	No
MS13-050615	05/06/15	13	441	882	0	<0.0031	No
MS11-050715	05/07/15	11	374	748	0	<0.0036	No

Table 2**Asbestos Monitoring Results**

Cal-OSHA Permissible Exposure Limit: 0.1 fiber/cc

Sample, Date and Station Information			Sampler Run Information		Asbestos Fibers		
Sample ID	Sample Start Date ¹	Monitoring Station	Duration of Run (min)	Total Air Volume Monitored (m ³)	Asbestos (fibers)	Conc Asbestos (fibers/cm ³)	Exceedance (Yes/No)
MS13-050715	05/07/15	13	441	882	0	<0.0031	No
MS11-050815	05/08/15	11	416	832	0	<0.0032	No
MS13-050815	05/08/15	13	431	862	0	<0.0031	No
MS11-051115	05/11/15	11	416	832	0	<0.0032	No
MS13-051115	05/11/15	13	500	1000	0	<0.0027	No
MS11-051315	05/13/15	11	484	968	1	<0.0028	No
MS13-051315	05/13/15	13	478	956	1	<0.0028	No
MS11-051915	05/19/15	11	469	938	0	<0.0029	No
MS13-051915	05/19/15	13	476	952	0	<0.0028	No
MS11-052015	05/20/15	11	510	1020	0	<0.0026	No
MS13-052015	05/20/15	13	495	990	0	<0.0027	No
MS11-052615	05/26/15	11	402	804	0	<0.0034	No
MS13-052615	05/26/15	13	379	758	0	<0.0036	No
MS11-052715	05/27/15	11	439	878	0	<0.0031	No
MS13-052715	05/27/15	13	435	870	0	<0.0031	No
MS11-052815	05/28/15	11	444	888	0	<0.0030	No
MS13-052815	05/28/15	13	436	872	0	<0.0031	No
MS11-052915	05/29/15	11	452	904	0	<0.0030	No
MS13-052915	05/29/15	13	430	860	0	<0.0031	No
MS11-060115	06/01/15	11	444	888	0	<0.0030	No
MS13-060115	06/01/15	13	432	864	0	<0.0031	No
MS11-060215	06/02/15	11	446	892	0	<0.0030	No
MS13-060215	06/02/15	13	414	828	0	<0.0033	No
MS11-060315	06/03/15	11	448	896	0	<0.0030	No
MS13-060315	06/03/15	13	392	784	0	<0.0034	No
MS11-060415	06/04/15	11	420	840	0	<0.0032	No
MS13-060415	06/04/15	13	380	760	0	<0.0035	No
MS11-060815	06/08/15	11	493	986	0	<0.0027	No
MS13-060815	06/08/15	13	478	956	0	<0.0028	No
MS11-060915	06/09/15	11	468	936	0	<0.0029	No
MS13-060915	06/09/15	13	460	920	0	<0.0029	No
MS11-061115	06/11/15	11	500	1000	0	<0.0028	No
MS13-061115	06/11/15	13	475	950	0	<0.0027	No
MS11-061515	06/15/15	11	455	910	0	<0.0030	No
MS13-061515	06/15/15	13	414	828	0	<0.0033	No
MS11-061615	06/16/15	11	425	850	0	<0.0032	No
MS13-061615	06/16/15	13	460	920	0	<0.0029	No
MS11-061715	06/17/15	11	495	990	0	<0.0027	No
MS13-061715	06/17/15	13	490	980	0	<0.0028	No
MS11-061815	06/18/15	11	435	870	0	<0.0031	No
MS13-061815	06/18/15	13	423	846	0	<0.0032	No
MS11-062215	06/22/15	11	510	1020	0	<0.0026	No
MS13-062215	06/22/15	13	506	1012	0	<0.0027	No
MS11-062315	06/23/15	11	481	962	0	<0.0028	No
MS13-062315	06/23/15	13	432	864	0	<0.0031	No
MS11-062415	06/24/15	11	479	958	0	<0.0028	No
MS13-062415	06/24/15	13	463	926	0	<0.0029	No
MS11-062515	06/25/15	11	390	780	1	<0.0035	No
MS13-062515	06/25/15	13	435	870	0	<0.0031	No
MS11-062915	06/29/15	11	423	846	0	<0.0032	No

Table 2**Asbestos Monitoring Results**

Cal-OSHA Permissible Exposure Limit: 0.1 fiber/cc

Sample, Date and Station Information			Sampler Run Information		Asbestos Fibers		
Sample ID	Sample Start Date ¹	Monitoring Station	Duration of Run (min)	Total Air Volume Monitored (m ³)	Asbestos (fibers)	Conc Asbestos (fibers/cm ³)	Exceedance (Yes/No)
MS13-062915	06/29/15	13	433	866	0	<0.0031	No
MS11-063015	06/30/15	11	450	900	0	<0.0030	No
MS13-063015	06/30/15	13	423	846	0	<0.0032	No
MS11-070115	07/01/15	11	411	822	0	<0.0033	No
MS13-070115	07/01/15	13	423	846	0	<0.0032	No
MS11-070615	07/06/15	11	454	908	0	<0.0030	No
MS13-070615	07/06/15	13	385	770	0	<0.0032	No
MS11-070715	07/07/15	11	430	860	0	<0.0031	No
MS13-070715	07/07/15	13	425	850	0	<0.0032	No
MS11-070815	07/08/15	11	435	870	0	<0.0031	No
MS13-070815	07/08/15	13	430	860	0	<0.0031	No
MS11-070915	07/09/15	11	457	914	0	<0.0030	No
MS13-070915	07/09/15	13	440	880	0	<0.0031	No
MS11-071315	07/13/15	11	449	898	0	<0.0030	No
MS13-071315	07/13/15	13	417	834	0	<0.0032	No
MS11-071415	07/14/15	11	460	920	0	<0.0029	No
MS13-071415	07/14/15	13	460	920	0	<0.0029	No
MS11-071515	07/15/15	11	436	872	0	<0.0031	No
MS13-071515	07/15/15	13	440	880	0	<0.0031	No
MS11-072015	07/20/15	11	474	948	0	<0.0028	No
MS13-072015	07/20/15	13	493	986	0	<0.0027	No
MS11-072115	07/21/15	11	424	848	0	<0.0032	No
MS13-072115	07/21/15	13	497	994	0	<0.0027	No
MS11-072215	07/22/15	11	446	892	0	<0.0030	No
MS13-072215	07/22/15	13	453	906	0	<0.0030	No
MS11-072715	07/27/15	11	446	892	0	<0.0030	No
MS13-072715	07/27/15	13	427	854	0	<0.0032	No
MS11-072815	07/28/15	11	405	810	0	<0.0033	No
MS13-072815	07/28/15	13	379	758	0	<0.0036	No
MS11-072915	07/29/15	11	441	882	0	<0.0031	No
MS13-072915	07/29/15	13	421	842	0	<0.0032	No
MS11-073015	07/30/15	11	489	978	0	<0.0028	No
MS13-073015	07/30/15	13	401	802	0	<0.0034	No
MS11-080415	08/04/15	11	513	1026	0	<0.0026	No
MS13-080415	08/04/15	13	459	918	0	<0.0029	No
MS11-080515	08/05/15	11	484	968	0	<0.0028	No
MS13-080515	08/05/15	13	459	918	0	<0.0029	No
MS11-080615	08/06/15	11	441	882	0	<0.0031	No
MS13-080615	08/06/15	13	413	826	0	<0.0033	No
MS11-081015	08/10/15	11	476	952	0	<0.0028	No
MS13-081015	08/10/15	13	443	886	0	<0.0030	No
MS11-081115	08/11/15	11	478	956	0	<0.0028	No
MS13-081115	08/11/15	13	489	978	0	<0.0028	No
MS11-081215	08/12/15	11	494	988	0	<0.0027	No
MS13-081215	08/12/15	13	444	888	0	<0.0030	No
MS11-081315	08/13/15	11	447	894	0	<0.0030	No
MS13-081315	08/13/15	13	428	856	0	<0.0032	No
MS11-081715	08/17/15	11	470	940	0	<0.0029	No
MS13-081715	08/17/15	13	425	850	0	<0.0032	No
MS11-081915	08/18/15	11	435	870	0	<0.0031	No

Table 2**Asbestos Monitoring Results**

Cal-OSHA Permissible Exposure Limit: 0.1 fiber/cc

Sample, Date and Station Information			Sampler Run Information		Asbestos Fibers		
Sample ID	Sample Start Date ¹	Monitoring Station	Duration of Run (min)	Total Air Volume Monitored (m ³)	Asbestos (fibers)	Conc Asbestos (fibers/cm ³)	Exceedance (Yes/No)
MS13-081915	08/18/15	13	395	790	0	<0.0034	No
MS11-081915	08/19/15	11	365	730	0	<0.0037	No
MS13-081915	08/19/15	13	419	838	0	<0.0032	No
MS11-082015	08/20/15	11	356	712	0	<0.0038	No
MS13-082015	08/20/15	13	330	660	0	<0.0041	No
MS11-082415	08/24/15	11	465	930	0	<0.0029	No
MS13-082415	08/24/15	13	450	900	0	<0.0030	No
MS11-082515	08/25/15	11	459	918	0	<0.0029	No
MS13-082515	08/25/15	13	430	860	0	<0.0031	No
MS11-082615	08/26/15	11	485	970	0	<0.0028	No
MS13-082615	08/26/15	13	480	960	0	<0.0028	No
MS11-082715	08/27/15	11	375	750	0	<0.0036	No
MS13-082715	08/27/15	13	375	750	0	<0.0036	No
MS11-083115	08/31/15	11	450	900	0	<0.0030	No
MS13-083115	08/31/15	13	406	812	0	<0.0033	No
MS11-090115	09/01/15	11	475	950	0	<0.0028	No
MS13-090115	09/01/15	13	430	860	0	<0.0031	No
MS11-090215	09/02/15	11	425	850	0	<0.0032	No
MS13-090215	09/02/15	13	380	760	0	<0.0035	No
MS11-090315	09/03/15	11	425	850	0	<0.0032	No
MS13-090315	09/03/15	13	433	866	0	<0.0031	No
MS11-090815	09/08/15	11	430	860	0	<0.0031	No
MS13-090815	09/08/15	13	410	820	2	<0.0033	No
MS11-090915	09/09/15	11	480	960	0	<0.0028	No
MS13-090915	09/09/15	13	435	870	0	<0.0031	No
MS11-091015	09/10/15	11	440	880	0	<0.0031	No
MS13-091015	09/10/15	13	403	806	0	<0.0033	No
MS11-091415	09/14/15	11	430	860	0	<0.0031	No
MS13-091415	09/14/15	13	470	940	0	<0.0029	No
MS11-091515	09/15/15	11	455	910	0	<0.0030	No
MS13-091515	09/15/15	13	455	910	0	<0.0030	No
MS11-091615	09/16/15	11	470	940	0	<0.0029	No
MS13-091615	09/16/15	13	426	852	0	<0.0032	No
MS11-091715	09/17/15	11	460	920	1	<0.0029	No
MS13-091715	09/17/15	13	420	840	0	<0.0032	No
MS11-092115	09/21/15	11	424	848	0	<0.0032	No
MS13-092115	09/21/15	13	460	920	0	<0.0029	No
MS11-092215	09/22/15	11	425	850	0	<0.0032	No
MS13-092215	09/22/15	13	395	790	0	<0.0034	No
MS11-092315	09/23/15	11	515	1030	0	<0.0026	No
MS13-092315	09/23/15	13	429	858	0	<0.0031	No
MS11-092415	09/24/15	11	495	990	0	<0.0027	No
MS13-092415	09/24/15	13	495	990	0	<0.0027	No
MS11-092515	09/25/15	11	410	820	0	<0.0033	No
MS13-092515	09/25/15	13	390	780	0	<0.0035	No
MS11-092815	09/28/15	11	435	870	0	<0.0031	No
MS13-092815	09/28/15	13	430	860	0	<0.0031	No
MS11-092915	09/29/15	11	460	920	0	<0.0029	No
MS13-092915	09/29/15	13	455	910	0	<0.0030	No
MS11-100515	10/05/15	11	480	960	0	<0.0028	No
MS13-100515	10/05/15	13	480	960	0	<0.0028	No

Table 2**Asbestos Monitoring Results**

Cal-OSHA Permissible Exposure Limit: 0.1 fiber/cc

Sample, Date and Station Information			Sampler Run Information		Asbestos Fibers		
Sample ID	Sample Start Date ¹	Monitoring Station	Duration of Run (min)	Total Air Volume Monitored (m ³)	Asbestos (fibers)	Conc Asbestos (fibers/cm ³)	Exceedance (Yes/No)
MS11-100615	10/06/15	11	525	1050	0	<0.0026	No
MS13-100615	10/06/15	13	525	1050	1	<0.0026	No
MS11-100715	10/07/15	11	474	948	0	<0.0028	No
MS13-100715	10/07/15	13	455	910	1	<0.0030	No
MS11-100815	10/08/15	11	450	900	2	<0.0030	No
MS13-100815	10/08/15	13	435	870	0	<0.0031	No
MS11-101315	10/13/15	11	495	990	0	<0.0027	No
MS13-101315	10/13/15	13	457	914	3	<0.0030	No
MS11-101415	10/14/15	11	460	920	0	<0.0029	No
MS13-101415	10/14/15	13	433	866	0	<0.0031	No
MS11-101515	10/15/15	11	540	1080	0	<0.0025	No
MS13-101515	10/15/15	13	478	956	0	<0.0028	No
MS11-101615	10/16/15	11	538	1076	0	<0.0025	No
MS13-101615	10/16/15	13	465	930	0	<0.0029	No
MS11-101915	10/19/15	11	561	1122	0	<0.0024	No
MS13-101915	10/19/15	13	547	1094	0	<0.0025	No
MS11-102015	10/20/15	11	433	866	0	<0.0031	No
MS13-102015	10/20/15	13	397	794	0	<0.0034	No
MS11-102115	10/21/15	11	480	960	1	<0.0028	No
MS13-102115	10/21/15	13	477	954	0	<0.0028	No
MS11-102215	10/22/15	11	461	922	0	<0.0029	No
MS13-102215	10/22/15	13	449	898	0	<0.0030	No
MS11-102615	10/26/15	11	474	948	0	<0.0028	No
MS13-102615	10/26/15	13	456	912	0	<0.0030	No
MS11-102715	10/27/15	11	483	966	0	<0.0028	No
MS13-102715	10/27/15	13	459	918	0	<0.0029	No
MS11-102915	10/29/15	11	362	724	0	<0.0037	No
MS13-102915	10/29/15	13	389	778	1	<0.0035	No
MS11-110315	11/03/15	11	521	1042	0	<0.0026	No
MS13-110315	11/03/15	13	506	1012	0	<0.0027	No
MS11-110415	11/04/15	11	509	1018	0	<0.0026	No
MS13-110415	11/04/15	13	534	1068	0	<0.0025	No
MS11-110515	11/05/15	11	451	902	0	<0.0030	No
MS13-110515	11/05/15	13	468	936	0	<0.0029	No
MS11-110615	11/06/15	11	420	840	0	<0.0032	No
MS13-110615	11/06/15	13	460	920	0	<0.0029	No
MS11-111015	11/10/15	11	530	1060	0	<0.0025	No
MS13-111015	11/10/15	13	535	1070	0	<0.0025	No
MS11-111115	11/11/15	11	531	1062	0	<0.0025	No
MS13-111115	11/11/15	13	500	1000	0	<0.0027	No
MS11-111615	11/16/15	11	482	964	0	<0.0028	No
MS13-111615	11/16/15	13	485	970	0	<0.0028	No
MS11-111715	11/17/15	11	450	900	0	<0.0030	No
MS13-111715	11/17/15	13	436	872	0	<0.0031	No
MS11-111815	11/18/15	11	393	786	0	<0.0034	No
MS13-111815	11/18/15	13	305	610	0	<0.0044	No
MS11-111915	11/19/15	11	510	1020	0	<0.0026	No
MS13-111915	11/19/15	13	474	948	0	<0.0028	No
MS11-112315	11/23/15	11	450	900	0	<0.0030	No
MS13-112315	11/23/15	13	451	902	0	<0.0030	No
MS11-113015	11/30/15	11	461	922	0	<0.0029	No

Table 2**Asbestos Monitoring Results**

Cal-OSHA Permissible Exposure Limit: 0.1 fiber/cc

Sample, Date and Station Information			Sampler Run Information		Asbestos Fibers		
Sample ID	Sample Start Date ¹	Monitoring Station	Duration of Run (min)	Total Air Volume Monitored (m ³)	Asbestos (fibers)	Conc Asbestos (fibers/cm ³)	Exceedance (Yes/No)
MS13-113015	11/30/15	13	455	910	0	<0.0030	No
MS11-120115	12/01/15	11	427	854	0	<0.0032	No
MS13-120115	12/01/15	13	433	866	0	<0.0031	No
MS11-120215	12/02/15	11	527	1054	0	<0.0026	No
MS13-120215	12/02/15	13	503	1006	1	<0.0027	No
MS11-120715	12/07/15	11	495	990	0	<0.0027	No
MS13-120715	12/07/15	13	475	950	0	<0.0028	No
MS11-120815	12/08/15	11	490	980	0	<0.0028	No
MS13-120815	12/08/15	13	525	1050	0	<0.0026	No
MS11-120915	12/09/15	11	505	1010	0	<0.0027	No
MS13-120915	12/09/15	13	465	930	0	<0.0029	No
MS11-121515	12/15/15	11	433	866	0	<0.0031	No
MS13-121515	12/15/15	13	409	818	0	<0.0033	No
MS11-121615	12/16/15	11	445	890	0	<0.0030	No
MS13-121615	12/16/15	13	422	844	0	<0.0032	No
MS11-121715	12/17/15	11	419	838	0	<0.0032	No
MS13-121715	12/17/15	13	411	822	0	<0.0033	No
MS11-012716	01/27/16	11	460	920	0	<0.0029	No
MS13-012716	01/27/16	13	495	990	1	<0.0027	No
MS11-012816	01/28/16	11	540	1080	0	<0.0025	No
MS13-012816	01/28/16	13	560	1120	0	<0.0024	No
MS11-020116	02/01/16	11	458	916	0	<0.0029	No
MS13-020116	02/01/16	13	450	900	0	<0.0030	No
MS11-020316	02/03/16	11	455	910	0	<0.0030	No
MS13-020316	02/03/16	13	475	950	0	<0.0028	No
MS11-020416	02/04/16	11	387	774	0	<0.0035	No
MS13-020416	02/04/16	13	425	850	0	<0.0032	No
MS11-020816	02/06/16	11	560	1120	0	<0.0024	No
MS13-020816	02/06/16	13	558	1116	0	<0.0024	No
MS11-020916	02/09/16	11	532	1064	0	<0.0025	No
MS13-020916	02/09/16	13	480	960	0	<0.0028	No
MS11-021016	02/10/16	11	517	1034	0	<0.0026	No
MS13-021016	02/10/16	13	500	1000	0	<0.0027	No
MS11-021116	02/11/16	11	469	938	2	<0.0029	No
MS13-021116	02/11/16	13	447	894	0	<0.0030	No
MS11-021516	02/15/16	11	460	920	0	<0.0029	No
MS13-021516	02/15/16	13	424	848	0	<0.0032	No
MS11-021616	02/16/16	11	518	1036	0	<0.0026	No
MS13-021616	02/16/16	13	475	950	0	<0.0028	No
MS11-022216	02/22/16	11	424	848	0	<0.0032	No
MS13-022216	02/22/16	13	486	972	0	<0.0028	No
MS11-022316	02/23/16	11	465	930	0	<0.0029	No
MS13-022316	02/23/16	13	460	920	0	<0.0029	No
MS11-022416	02/24/16	11	520	1040	0	<0.0026	No
MS13-022416	02/24/16	13	448	896	0	<0.0030	No
MS11-022516	02/25/16	11	451	902	0	<0.0030	No
MS13-022516	02/25/16	13	379	758	0	<0.0036	No
MS11-022916	02/29/16	11	465	930	0	<0.0029	No
MS13-022916	02/29/16	13	485	970	0	<0.0028	No
MS11-030116	03/01/16	11	475	950	0	<0.0028	No
MS13-030116	03/01/16	13	552	1104	0	<0.0024	No

Table 2**Asbestos Monitoring Results**

Cal-OSHA Permissible Exposure Limit: 0.1 fiber/cc

Sample, Date and Station Information			Sampler Run Information		Asbestos Fibers		
Sample ID	Sample Start Date ¹	Monitoring Station	Duration of Run (min)	Total Air Volume Monitored (m ³)	Asbestos (fibers)	Conc Asbestos (fibers/cm ³)	Exceedance (Yes/No)
MS11-030216	03/02/16	11	455	910	0	<0.0030	No
MS13-030216	03/02/16	13	442	884	0	<0.0031	No
MS11-030816	03/08/16	11	381	762	0	<0.0035	No
MS13-030816	03/08/16	13	370	740	0	<0.0036	No
MS11-031516	03/15/16	11	520	1040	0	<0.0026	No
MS13-031516	03/15/16	13	431	862	0	<0.0031	No
MS11-031616	03/16/16	11	480	960	0	<0.0028	No
MS13-031616	03/16/16	13	500	1000	0	<0.0027	No
MS11-031716	03/17/16	11	400	800	0	<0.0034	No
MS13-031716	03/17/16	13	410	820	0	<0.0033	No
MS11-032116	03/21/16	11	440	880	0	<0.0031	No
MS13-032116	03/21/16	13	505	1010	0	<0.0027	No
MS11-032216	03/22/16	11	876	1752	0	<0.0031	No
MS13-032216	03/22/16	13	459	918	0	<0.0029	No
MS11-032316	03/23/16	11	445	890	0	<0.0030	No
MS13-032316	03/23/16	13	490	980	0	<0.0028	No
MS11-032416	03/24/16	11	410	820	0	<0.0033	No
MS13-032416	03/24/16	13	432	864	0	<0.0031	No
MS11-032816	03/28/16	11	442	884	0	<0.0031	No
MS13-032816	03/28/16	13	412	824	0	<0.0033	No
MS11-032916	03/29/16	11	346	692	0	<0.0039	No
MS13-032916	03/29/16	13	479	958	0	<0.0028	No
MS11-033016	03/30/16	11	411	822	0	<0.0033	No
MS13-033016	03/30/16	13	443	886	0	<0.0030	No
MS11-033116	03/31/16	11	406	812	0	<0.0033	No
MS13-033116	03/31/16	13	393	786	0	<0.0034	No
MS11-040416	04/04/16	11	477	954	0	<0.0028	No
MS13-040416	04/04/16	13	470	940	0	<0.0029	No
MS11-040516	04/05/16	11	500	1000	0	<0.0027	No
MS13-040516	04/05/16	13	470	940	0	<0.0029	No
MS11-040616	04/06/16	11	453	906	0	<0.0030	No
MS13-040616	04/06/16	13	410	820	0	<0.0033	No
MS11-042016	04/20/16	11	445	890	0	<0.0030	No
MS13-042016	04/20/16	13	430	860	0	<0.0031	No
MS11-042516	04/25/16	11	410	820	0	<0.0033	No
MS13-042516	04/25/16	13	415	830	0	<0.0032	No
MS11-042616	04/26/16	11	498	996	0	<0.0027	No
MS13-042616	04/26/16	13	470	940	0	<0.0029	No
MS11-050316	05/03/16	11	463	926	0	<0.0029	No
MS14-050316	05/03/16	14	444	888	0	<0.0030	No
MS11-050416	05/04/16	11	386	772	0	<0.0035	No
MS14-050415	05/04/16	14	389	778	0	<0.0035	No
MS11-050916	05/09/16	11	521	1042	0	<0.0026	No
MS14-050916	05/09/16	14	500	1000	0	<0.0027	No
MS11-051016	05/10/16	11	525	1050	0	<0.0026	No
MS14-051016	05/10/16	14	380	760	0	<0.0035	No
MS09-051116	05/11/16	9	518	1036	0	<0.0026	No
MS14-051116	05/11/16	14	493	986	0	<0.0027	No
MS09-051216	05/12/16	9	483	966	0	<0.0028	No
MS14-051216	05/12/16	14	500	1000	0	<0.0027	No
MS09-051616	05/16/16	9	492	984	0	<0.0027	No

Table 2**Asbestos Monitoring Results**

Cal-OSHA Permissible Exposure Limit: 0.1 fiber/cc

Sample, Date and Station Information			Sampler Run Information		Asbestos Fibers		
Sample ID	Sample Start Date ¹	Monitoring Station	Duration of Run (min)	Total Air Volume Monitored (m ³)	Asbestos (fibers)	Conc Asbestos (fibers/cm ³)	Exceedance (Yes/No)
MS14-051616	05/16/16	14	527	1054	0	<0.0026	No
MS09-051716	05/17/16	9	531	1062	1	<0.0025	No
MS14-051716	05/17/16	14	525	1050	0	<0.0026	No
MS09-051816	05/18/16	9	533	1066	0	<0.0025	No
MS14-051816	05/18/16	14	528	1056	0	<0.0026	No
MS09-051916	05/19/16	9	450	900	0	<0.0030	No
MS14-051916	05/19/16	14	493	986	0	<0.0027	No
MS09-052316	05/23/16	9	520	1040	0	<0.0026	No
MS14-052316	05/23/16	14	542	1084	0	<0.0025	No
MS09-052416	05/24/16	9	526	1052	0	<0.0026	No
MS14-052416	05/24/16	14	535	1070	0	<0.0025	No
MS09-052516	05/25/16	9	540	1080	0	<0.0025	No
MS14-052516	05/25/16	14	520	1040	0	<0.0026	No
MS09-052616	05/26/16	9	375	750	0	<0.0036	No
MS14-052616	05/26/16	14	360	720	0	<0.0037	No
MS09-053116	05/31/16	9	496	992	0	<0.0027	No
MS14-053116	05/31/16	14	447	894	0	<0.0030	No
MS09-060116	06/01/16	9	435	870	0	<0.0031	No
MS14-060116	06/01/16	14	434	868	0	<0.0031	No
MS09-060216	06/02/16	9	461	922	0	<0.0029	No
MS14-060216	06/02/16	14	429	858	0	<0.0031	No
MS09-060616	06/06/16	9	445	890	0	<0.0030	No
MS14-060616	06/06/16	14	411	822	0	<0.0033	No
MS09-060716	06/07/16	9	447	894	0	<0.0030	No
MS14-060716	06/07/16	14	476	952	0	<0.0028	No
MS09-060816	06/08/16	9	462	924	0	<0.0029	No
MS14-060816	06/08/16	14	445	890	0	<0.0030	No
MS09-060916	06/09/16	9	422	844	0	<0.0032	No
MS14-060916	06/09/16	14	414	828	0	<0.0033	No
MS09-061316	06/13/16	9	495	990	0	<0.0027	No
MS14-061316	06/13/16	14	455	910	0	<0.0030	No
MS09-061416	06/14/16	9	432	864	0	<0.0031	No
MS14-061416	06/14/16	14	460	920	0	<0.0029	No
MS09-061516	06/15/16	9	470	940	0	<0.0029	No
MS14-061516	06/15/16	14	445	890	0	<0.0030	No
MS09-062016	06/20/16	9	465	930	0	<0.0029	No
MS14-062016	06/20/16	14	430	860	0	<0.0031	No
MS09-062116	06/21/16	9	490	980	0	<0.0028	No
MS14-062116	06/21/16	14	395	790	0	<0.0034	No
MS09-062216	06/22/16	9	497	994	0	<0.0027	No
MS14-062216	06/22/16	14	450	900	0	<0.0030	No
MS09-062316	06/23/16	9	450	900	0	<0.0030	No
MS14-062316	06/23/16	14	430	860	0	<0.0031	No
MS09-062716	06/27/16	9	500	1000	0	<0.0027	No
MS14-062716	06/27/16	14	490	980	0	<0.0028	No
MS09-062816	06/28/16	9	485	970	0	<0.0028	No
MS14-062816	06/28/16	14	502	1004	0	<0.0027	No
MS09-062916	06/29/16	9	475	950	0	<0.0028	No
MS14-062916	06/29/16	14	480	960	0	<0.0028	No
MS09-070716	07/07/16	9	475	950	0	<0.0028	No
MS14-070716	07/07/16	14	480	960	0	<0.0028	No

Table 2**Asbestos Monitoring Results**

Cal-OSHA Permissible Exposure Limit: 0.1 fiber/cc

Sample, Date and Station Information			Sampler Run Information		Asbestos Fibers		
Sample ID	Sample Start Date ¹	Monitoring Station	Duration of Run (min)	Total Air Volume Monitored (m ³)	Asbestos (fibers)	Conc Asbestos (fibers/cm ³)	Exceedance (Yes/No)
MS09-071216	07/12/16	9	475	950	0	<0.0028	No
MS14-071216	07/12/16	14	485	970	0	<0.0028	No
MS09-071316	07/13/16	9	510	1020	0	<0.0026	No
MS14-071316	07/13/16	14	510	1020	0	<0.0026	No
MS09-071416	07/14/16	9	487	974	0	<0.0028	No
MS14-071416	07/14/16	14	478	956	0	<0.0028	No
MS09-072616	07/26/16	9	NA ²	NA ²	NA ²	NA ²	NA ²
MS14-072616	07/26/16	14	463	926	0	<0.0029	No
MS09-080116	08/01/16	9	480	960	0	<0.0028	No
MS14-080116	08/01/16	14	485	970	0	<0.0028	No
MS09-080216	08/02/16	9	464	928	0	<0.0029	No
MS14-080216	08/02/16	14	455	910	0	<0.0030	No
MS09-080816	08/08/16	9	510	1020	0	<0.0026	No
MS10-080816	08/08/16	10	475	950	0	<0.0028	No
MS09-080916	08/09/16	9	438	876	0	<0.0031	No
MS10-080916	08/09/16	10	435	870	0	<0.0031	No
MS09-081016	08/10/16	9	480	960	0	<0.0028	No
MS10-081016	08/10/16	10	450	900	0	<0.0030	No
MS09-081116	08/11/16	9	480	960	0	<0.0028	No
MS10-081116	08/11/16	10	450	900	0	<0.0030	No
MS09-081516	08/15/16	9	520	1040	0	<0.0026	No
MS10-081516	08/15/16	10	510	1020	0	<0.0026	No
MS09-081616	08/16/16	9	490	980	1	<0.0028	No
MS10-081616	08/16/16	10	470	940	0	<0.0029	No
MS09-081716	08/17/16	9	475	950	1	<0.0028	No
MS10-081716	08/17/16	10	450	900	0	<0.0030	No
MS09-081816	08/18/16	9	505	1010	0	<0.0027	No
MS10-081816	08/18/16	10	475	950	0	<0.0028	No
MS09-083116	08/31/16	9	435	870	0	<0.0031	No
MS32-083116	08/31/16	32	443	886	0	<0.0030	No
MS09-090116	09/01/16	9	437	874	0	<0.0031	No
MS32-090116	09/01/16	32	413	826	0	<0.0033	No
MS09-090616	09/06/16	9	485	970	0	<0.0028	No
MS32-090616	09/06/16	32	479	958	0	<0.0028	No
MS09-090716	09/07/16	9	490	980	0	<0.0028	No
MS32-090716	09/07/16	32	462	924	0	<0.0029	No
MS09-090816	09/08/16	9	450	900	0	<0.0030	No
MS32-090816	09/08/16	32	415	830	0	<0.0032	No
MS09-091216	09/12/16	9	481	962	0	<0.0028	No
MS32-091216	09/12/16	32	475	950	0	<0.0028	No
MS09-091316	09/13/16	9	485	970	0	<0.0028	No
MS32-091316	09/13/16	32	493	986	0	<0.0027	No
MS09-091416	09/14/16	9	460	920	0	<0.0029	No
MS32-091416	09/14/16	32	451	902	0	<0.0030	No
MS09-091516	09/15/16	9	540	1080	0	<0.0025	No
MS32-091516	09/15/16	32	540	1080	0	<0.0025	No
MS09-091916	09/19/16	9	455	910	0	<0.0030	No
MS32-091916	09/19/16	32	432	864	0	<0.0031	No
MS09-092016	09/20/16	9	480	960	0	<0.0028	No
MS32-092016	09/20/16	32	485	970	0	<0.0028	No
MS09-092116	09/21/16	9	430	860	0	<0.0031	No

Table 2**Asbestos Monitoring Results**

Cal-OSHA Permissible Exposure Limit: 0.1 fiber/cc

Sample, Date and Station Information			Sampler Run Information		Asbestos Fibers		
Sample ID	Sample Start Date ¹	Monitoring Station	Duration of Run (min)	Total Air Volume Monitored (m ³)	Asbestos (fibers)	Conc Asbestos (fibers/cm ³)	Exceedance (Yes/No)
MS32-092116	09/21/16	32	380	760	0	<0.0035	No
MS09-092216	09/22/16	9	485	970	0	<0.0028	No
MS32-092216	09/22/16	32	453	906	0	<0.0030	No
MS09-092616	09/26/16	9	455	910	0	<0.0030	No
MS32-092616	09/26/16	32	450	900	0	<0.0030	No
MS09-092716	09/27/16	9	440	880	0	<0.0031	No
MS32-092716	09/27/16	32	475	950	0	<0.0028	No
MS09-092816	09/28/16	9	481	962	0	<0.0028	No
MS32-092816	09/28/16	32	447	894	0	<0.0030	No
MS09-092916	09/29/16	9	490	980	0	<0.0028	No
MS32-092916	09/29/16	32	488	976	0	<0.0028	No
MS09-100316	10/03/16	9	430	860	0	<0.0031	No
MS32-100316	10/03/16	32	409	818	0	<0.0033	No
MS09-101216	10/12/16	9	401	802	0	<0.0034	No
MS10-101216	10/12/16	10	350	700	0	<0.0039	No
MS09-110916	11/09/16	9	434	868	0	<0.0031	No
MS10-110916	11/09/16	10	422	844	0	<0.0032	No
MS09-121216	12/12/16	9	486	972	0	<0.0028	No
MS10-121216	12/12/16	10	494	988	0	<0.0027	No
MS09-121316	12/13/16	9	462	924	0	<0.0029	No
MS10-121316	12/13/16	10	449	898	0	<0.0030	No
MS09-121416	12/14/16	9	506	1012	0	<0.0027	No
MS10-121416	12/14/16	10	466	932	0	<0.0029	No
MS09-010517	01/05/17	9	499	998	0	<0.0027	No
MS10-010517	01/05/17	10	503	1006	0	<0.0027	No
MS09-010617	01/06/17	9	420	840	0	NA ³	NA ³
MS10-010617	01/06/17	10	460	920	0	NA ³	NA ³
MS09-011617	01/16/17	9	462	924	0	<0.0029	No
MS10-016117	01/16/17	10	445	890	0	<0.0030	No
MS09-011717	01/17/17	9	480	960	0	<0.0028	No
MS10-011717	01/17/17	10	490	980	0	<0.0028	No

Notes:

¹Air sample was not collected on days with rain or when contaminated soil was not disturbed.²Air sample not collected due to tripped circuit on generator.³Air sample was not read due to filter being overloaded.

l/min = liters per minute

min = minutes

m³ = cubic metersfibers/cm³ = fibers per cubic centimeter

< = below detection limit

Table 3**Particulate Matter, smaller than Ten Microns (PM10) Monitoring Results**Cal-OSHA Permissible Exposure Limit: 5.0 mg/m³

Sample, Date and Station Information			Sampler Run Information PM10s			
Sample ID	Sample Start Date ¹	Monitoring Station	Air Flow (l/min)	Duration of Run (min)	Concentration in Air (mg/m ³)	Exceedance (Yes/No)
Q0329230-MS11	11/11/14	11	1.139	1454	0.022	No
Q0329231-MS33	11/11/14	33	1.126	1452	0.023	No
Q0329236-MS11	11/12/14	11	1.138	1081	0.014	No
Q0329237-MS33	11/12/14	33	1.129	1436	0.013	No
Q0329240-MS11	11/13/14	11	1.137	1384	0.011	No
Q0329238-MS33	11/13/14	33	1.127	1385	0.013	No
Q0329241-MS11 ²	11/17/14	11	NA	NA	NA	NA
Q0313160-MS33	11/17/14	33	1.129	1488	0.025	No
Q0329242-MS11	11/18/14	11	1.136	1418	0.044	No
Q0329243-MS33	11/18/14	33	1.126	1411	0.039	No
Q0324838-MS11	11/24/14	11	1.140	1397	0.018	No
Q0324839-MS33	11/24/14	33	1.130	1416	0.023	No
Q0329245-MS11	12/01/14	11	1.136	1369	0.016	No
Q0329244-MS13	12/01/14	13	1.126	1438	0.015	No
Q0324837-MS11	12/08/14	11	1.142	1417	0.019	No
Q0324836-MS13	12/08/14	13	1.131	1463	0.018	No
Q0328436-MS11	12/09/14	11	1.142	1391	0.032	No
Q0328437-MS13	12/09/14	13	1.132	1409	0.034	No
Q0328460-MS11	01/07/15	11	1.141	1337	0.053	No
Q0328459-MS13	01/07/15	13	1.130	1405	0.066	No
Q0328446-MS11	01/08/15	11	1.139	1360	0.077	No
Q0328445-MS13	01/08/15	13	1.128	1365	0.084	No
Q0328447-MS11	01/12/15	11	1.140	1399	0.021	No
Q0328448-MS13	01/12/15	13	1.126	1427	0.017	No
Q0328449-MS11	01/13/15	11	1.141	1410	0.018	No
Q0328450-MS13	01/13/15	13	1.129	1419	0.034	No
Q0328452-MS13	01/14/15	11	1.138	1419	0.058	No
Q0328451-MS11	01/14/15	13	1.126	1417	0.055	No
Q0328454-MS11	01/19/15	11	1.145	1288	0.030	No
Q0328453-MS13	01/19/15	13	1.129	1393	0.026	No
Q0328439-MS11	01/20/15	11	1.136	1424	0.028	No
Q0328438-MS13	01/20/15	13	1.125	1439	0.029	No
Q0328457-MS11	01/21/15	11	1.137	1274	0.032	No
Q0328458-MS13	01/21/15	13	1.126	1414	0.036	No
Q0328455-MS11	01/26/15	11	1.139	1383	0.042	No
Q0328456-MS13	01/26/15	13	1.128	1398	0.040	No
Q0327270-MS11	01/27/15	11	1.143	1413	0.037	No
Q0327269-MS13	01/27/15	13	1.133	1415	0.042	No
Q0327267-MS11	02/09/15	11	1.142	1388	0.031	No
Q0327268-MS13	02/09/15	13	1.129	1455	0.039	No
Q0327265-MS11	02/10/15	11	1.140	1384	0.024	No
Q0327266-MS13	02/10/15	13	1.129	1447	0.027	No
Q0327263-MS11	02/11/15	11	1.141	1457	0.026	No
Q0327264-MS13	02/11/15	13	1.130	1438	0.028	No
Q0327262-MS11	02/12/15	11	1.146	1370	0.025	No
Q0327261-MS11	02/12/15	13	1.134	1370	0.032	No
Q0327260-MS11	02/17/15	11	1.137	1397	0.010	No
Q0327259-MS13	02/17/15	13	1.136	1407	0.021	No
Q0327257-MS11	02/18/15	11	1.140	1432	0.024	No
Q0327258-MS13	02/18/15	13	1.128	1442	0.024	No
Q0327256-MS11*	02/19/15	11	1.140	1424	NA	NA
Q0327252-MS13*	02/19/15	13	1.128	1420	NA	NA
Q0327254-MS11	03/09/15	11	1.139	1413	0.031	No

Table 3**Particulate Matter, smaller than Ten Microns (PM10) Monitoring Results**Cal-OSHA Permissible Exposure Limit: 5.0 mg/m³

Sample, Date and Station Information			Sampler Run Information PM10s			
Sample ID	Sample Start Date ¹	Monitoring Station	Air Flow (l/min)	Duration of Run (min)	Concentration in Air (mg/m ³)	Exceedance (Yes/No)
Q0327253-MS13	03/09/15	13	1.127	1421	0.028	No
Q0327252-MS11	03/10/15	11	1.137	1441	0.031	No
Q0327251-MS13	03/10/15	13	1.213	1440	0.024	No
Q0340464-MS11	03/16/15	11	1.128	1414	0.012	No
Q0340465-MS13	03/16/15	13	1.114	1425	0.019	No
Q0340462-MS11	03/17/15	11	1.128	1568	0.024	No
Q0340463-MS13	03/17/15	13	1.115	1550	0.035	No
Q0340461-MS11	03/24/15	11	1.130	1427	0.017	No
Q0340460-MS13	03/24/15	13	1.113	1439	0.029	No
Q0340456-MS11	03/25/15	11	1.132	1420	0.023	No
Q0340457-MS13	03/25/15	13	1.120	1420	0.035	No
Q0340459-MS11	03/26/15	11	1.133	1432	0.019	No
Q0340458-MS13	03/26/15	13	1.122	1432	0.015	No
Q0340455-MS11	03/30/15	11	1.133	1393	0.021	No
Q0340454-MS13	03/30/15	13	1.113	1448	0.046	No
Q0340453-MS11	03/31/15	11	1.127	1415	0.028	No
Q0340452-MS13	03/31/15	13	1.113	1424	0.041	No
Q0340450-MS11	04/01/15	11	1.128	1427	0.035	No
Q0340451-MS13	04/01/15	13	1.113	1417	0.043	No
Q0340448-MS11	04/02/15	11	1.130	1421	0.034	No
Q0340449-MS13	04/02/15	13	1.120	1400	0.037	No
Q0340447-MS11	04/14/15	11	1.134	1504	0.022	No
Q0340446-MS13	04/14/15	13	1.120	1468	0.027	No
Q0328576-MS11	04/15/15	11	1.141	1580	0.034	No
Q0328575-MS13	04/15/15	13	1.128	1600	0.040	No
Q0328573-MS11	04/20/15	11	1.134	1402	0.026	No
Q0328574-MS13	04/20/15	13	1.124	1398	0.027	No
Q0328571-MS11 ²	04/21/15	11	NA	NA	NA	NA
Q0328572-MS13	04/21/15	13	1.122	1433	0.024	No
Q0328569-MS11	04/22/15	11	1.136	1454	0.078	No
Q0328570-MS13	04/22/15	13	1.125	1614	0.039	No
Q0328568-MS11	04/27/15	11	1.126	1427	0.020	No
Q0328567-MS13	04/27/15	13	1.137	1419	0.021	No
Q0328565-MS11	04/28/15	11	1.135	1190	0.037	No
Q0328566-MS13	04/28/15	13	1.123	1439	0.031	No
Q0328564-MS11	04/29/15	11	1.142	1384	0.053	No
Q0328563-MS13	04/29/15	13	1.130	1431	0.058	No
Q0328561-MS11	04/30/15	11	1.145	1357	0.045	No
Q0328562-MS13	04/30/15	13	1.134	1393	0.047	No
Q0328559-MS11	05/06/15	11	1.137	1417	0.041	No
Q0328560-MS13 ³	05/06/15	13	NA	NA	NA	NA
Q0328557-MS11	05/07/15	11	1.137	1643	0.049	No
Q0328558-MS13	05/07/15	13	1.126	1470	0.049	No
Q0328556-MS11	05/08/15	11	1.134	1171	0.045	No
Q0328555-MS13	05/08/15	13	1.126	1464	0.050	No
Q0328553-MS11	05/11/15	11	1.133	1637	0.048	No
Q0328554-MS13	05/11/15	13	1.122	1597	0.043	No
Q0328567-MS11	05/13/15	11	1.125	1393	0.038	No
Q0347968-MS13	05/13/15	13	1.116	1413	0.013	No
Q0347966-MS11	05/19/15	11	1.126	1419	0.022	No
Q0347965-MS13	05/19/15	13	1.113	1403	0.015	No
Q0347964-MS11	05/20/15	11	1.126	1546	0.013	No
Q0347963-MS13	05/20/15	13	1.116	1584	0.015	No

Table 3**Particulate Matter, smaller than Ten Microns (PM10) Monitoring Results**Cal-OSHA Permissible Exposure Limit: 5.0 mg/m³

Sample, Date and Station Information			Sampler Run Information PM10s			
Sample ID	Sample Start Date ¹	Monitoring Station	Air Flow (l/min)	Duration of Run (min)	Concentration in Air (mg/m ³)	Exceedance (Yes/No)
Q0347969-MS11	05/26/15	11	1.126	1396	0.008	No
Q0347970-MS13	05/26/15	13	1.116	1400	0.011	No
Q0347964-MS11	05/27/15	11	1.125	1389	0.010	No
Q0347962-MS13	05/27/15	13	1.114	1397	0.017	No
Q0347971-MS11	05/28/15	11	1.126	1372	0.009	No
Q0347972-MS13	05/28/15	13	1.117	1371	0.013	No
Q0347973-MS11	05/29/15	11	1.128	1448	0.011	No
Q0347974-MS13	05/29/15	13	1.116	1450	0.015	No
Q0347960-MS11	06/01/15	11	1.132	1420	0.010	No
Q0347959-MS13	06/01/15	13	1.121	1427	0.012	No
Q0347976-MS11	06/02/15	11	1.129	1428	0.009	No
Q0347975-MS13	06/02/15	13	1.118	1456	0.029	No
Q0347978-MS11	06/03/15	11	1.129	1397	0.026	No
Q0347977-MS13	06/03/15	13	1.117	1426	0.036	No
Q0347987-MS11	06/04/15	11	1.120	1385	0.029	No
Q0347988-MS13	06/04/15	13	1.119	1364	0.041	No
Q0347985-MS11	06/08/15	11	1.127	1433	0.021	No
Q0347986-MS13	06/08/15	13	1.126	1431	0.017	No
Q0347984-MS11	06/09/15	11	1.125	1415	0.014	No
Q0347983-MS13	06/09/15	13	1.124	1387	0.017	No
Q0347981-MS11	06/11/15	11	1.125	1413	0.018	No
Q0347982-MS13	06/11/15	13	1.124	1424	0.020	No
Q0347980-MS11	06/15/15	11	1.118	1416	0.032	No
Q0347979-MS13	06/15/15	13	1.117	1420	0.040	No
Q0347957-MS11	06/16/15	11	1.118	1424	0.038	No
Q0347958-MS13	06/16/15	13	1.118	1429	0.044	No
Q0347956-MS11 ²	06/17/15	11	NA	NA	NA	NA
Q0347955-MS13	06/17/15	13	1.115	1427	0.041	No
Q0347954-MS11	06/18/15	11	1.117	1414	0.025	No
Q0347953-MS13	06/18/15	13	1.116	1412	0.038	No
Q0347951-MS11	06/22/15	11	1.118	1434	0.022	No
Q0347952-MS13	06/22/15	13	1.116	1447	0.032	No
Q0347949-MS11	06/23/15	11	1.117	1428	0.031	No
Q0347950-MS13	06/23/15	13	1.116	1432	0.047	No
Q0341173-MS11	06/24/15	11	1.119	1408	0.042	No
Q0341174-MS13	06/24/15	13	1.116	1423	0.038	No
Q0341173-MS11	06/25/15	11	1.119	1408	0.036	No
Q0341175-MS13	06/25/15	13	1.124	1436	0.032	No
Q0341177-MS11	06/29/15	11	1.125	1409	0.014	No
Q0341178-MS13	06/29/15	13	1.124	1418	0.018	No
Q0341180-MS11	06/30/15	11	1.129	1433	0.013	No
Q0341179-MS13	06/30/15	13	1.120	1452	0.017	No
Q0341181-MS11	07/01/15	11	1.126	1406	0.011	No
Q0341182-MS13	07/01/15	13	1.124	1397	0.013	No
Q0341186-MS11	07/06/15	11	1.124	1442	0.015	No
Q0341185-MS13	07/06/15	13	1.123	1448	0.024	No
Q0341188-MS11	07/07/15	11	1.125	1409	0.013	No
Q0341187-MS13	07/07/15	13	1.122	1417	0.020	No
Q0341190-MS11	07/08/15	11	1.124	1417	0.007	No
Q0341189-MS13	07/08/15	13	1.122	1427	0.013	No
Q0341191-MS11	07/09/15	11	1.122	1444	0.011	No
Q0341192-MS13	07/09/15	13	1.121	1454	0.015	No
Q0346324-MS11	07/13/15	11	1.131	1435	0.015	No

Table 3**Particulate Matter, smaller than Ten Microns (PM10) Monitoring Results**Cal-OSHA Permissible Exposure Limit: 5.0 mg/m³

Sample, Date and Station Information			Sampler Run Information PM10s			
Sample ID	Sample Start Date ¹	Monitoring Station	Air Flow (l/min)	Duration of Run (min)	Concentration in Air (mg/m ³)	Exceedance (Yes/No)
Q0346325-MS13	07/13/15	13	1.130	1439	0.023	No
Q0346326-MS11	07/14/15	11	1.133	1417	0.021	No
Q0346327-MS13	07/14/15	13	1.133	1428	0.031	No
Q0346328-MS11	07/15/15	11	1.136	1408	0.019	No
Q0346329-MS13	07/15/15	13	1.134	1192	0.022	No
Q0346331-MS11	07/20/15	11	1.135	1412	0.021	No
Q0346330-MS13	07/20/15	13	1.133	1426	0.028	No
Q0346332-MS11	07/21/15	11	1.133	1431	0.022	No
Q0346333-MS13	07/21/15	13	1.131	1421	0.026	No
Q0346334-MS11	07/22/15	11	1.132	1409	0.049	No
Q0346335-MS13	07/22/15	13	1.130	1457	0.059	No
Q0346336-MS11	07/27/15	11	1.135	1478	0.041	No
Q0346337-MS13	07/27/15	13	1.137	1491	0.043	No
Q0346338-MS11	07/28/15	11	1.138	1369	0.046	No
Q0346339-MS13	07/28/15	13	1.136	1373	0.039	No
Q0346340-MS11 ²	07/29/15	11	NA	NA	NA	NA
Q0346341-MS13	07/29/15	13	1.134	1429	0.029	No
Q0346343-MS11	07/30/15	11	1.133	1323	0.017	No
Q0346342-MS13	07/30/15	13	1.130	1325	0.026	No
Q0346397-MS11	08/03/15	11	1.134	1394	0.013	No
Q0346398-MS13	08/03/15	13	1.136	1378	0.044	No
Q0346399-MS11	08/04/15	11	1.134	1447	0.013	No
Q0346400-MS13	08/04/15	13	1.134	1448	0.017	No
Q0346001-MS11	08/05/15	11	1.132	1418	0.025	No
Q0346402-MS13	08/05/15	13	1.130	1448	0.034	No
Q0346003-MS11	08/06/15	11	1.130	1102	0.022	No
Q0346004-MS13	08/06/15	13	1.130	1408	0.041	No
Q0346005-MS11	08/10/15	11	1.134	1400	0.007	No
Q0346006-MS13	08/10/15	13	1.132	1419	0.017	No
Q0346008-MS11	08/11/15	11	1.137	1413	0.015	No
Q0346007-MS13	08/11/15	13	1.132	1429	0.015	No
Q0346009-MS11	08/12/15	11	1.138	1429	0.012	No
Q0346010-MS13	08/12/15	13	1.133	1428	0.017	No
Q0346012-MS11	08/13/15	11	1.136	1362	0.017	No
Q0346011-MS13	08/13/15	13	1.132	1322	0.012	No
Q0346015-MS11	08/17/15	11	1.133	1404	0.048	No
Q0346016-MS13	08/17/15	13	1.132	1408	0.051	No
Q0346013-MS11	08/18/15	11	1.134	1437	0.049	No
Q0346014-MS13	08/18/15	13	1.133	1462	0.039	No
Q0346018-MS11	08/19/15	11	1.133	1401	0.017	No
Q0346017-MS13	08/19/15	13	1.129	1362	0.032	No
Q0346020-MS11	08/20/15	11	1.133	1324	0.013	No
Q0346019-MS13	08/20/15	13	1.130	1331	0.022	No
Q0346021-MS11	08/24/15	11	1.134	1427	0.024	No
Q0346022-MS13	08/24/15	13	1.131	1437	0.034	No
Q0346023-MS11	08/25/15	11	1.133	1411	0.025	No
Q0346024-MS13	08/25/15	13	1.131	1416	0.033	No
Q0346025-MS11 ²	08/26/15	11	NA	NA	NA	NA
Q0346026-MS13	08/26/15	13	1.134	1444	0.029	No
Q0346027-MS11	08/27/15	11	1.141	1294	0.024	No
Q0346028-MS13	08/27/15	13	1.139	1329	0.033	No
Q0346030-MS11 ²	08/28/15	11	NA	NA	NA	NA
Q0346029-MS13	08/28/15	13	1.132	1403	0.046	No

Table 3**Particulate Matter, smaller than Ten Microns (PM10) Monitoring Results**Cal-OSHA Permissible Exposure Limit: 5.0 mg/m³

Sample, Date and Station Information			Sampler Run Information PM10s			
Sample ID	Sample Start Date ¹	Monitoring Station	Air Flow (l/min)	Duration of Run (min)	Concentration in Air (mg/m ³)	Exceedance (Yes/No)
Q0346032-MS11	09/01/15	11	1.135	1452	0.023	No
Q0346031-MS13	09/01/15	13	1.131	1468	0.032 J	No
Q0346033-MS11	09/02/15	11	1.133	1427	0.017	No
Q0346034-MS13	09/02/15	13	1.132	1357	0.021	No
Q0346036-MS11	09/03/15	11	1.131	1309	0.031	No
Q0346035-MS13	09/03/15	13	1.129	1360	0.042	No
Q0346097-MS11	09/08/15	11	1.142	1421	0.039	No
Q0346098-MS13	09/08/15	13	1.141	1418	0.045	No
Q0346099-MS11	09/09/15	11	1.145	1412	0.025	No
Q0346100-MS13	09/09/15	13	1.142	1420	0.035	No
225859-MS11	09/10/15	11	1.139	1669	0.014	No
225860-MS13	09/10/15	13	1.224	1664	0.019	No
225861-MS11	09/14/15	11	1.134	1436	0.007	No
225862-MS13	09/14/15	13	1.133	1443	0.011	No
Q0336201-MS11	09/15/15	11	1.124	1409	0.015	No
Q0336202-MS13	09/15/15	13	1.128	1434	0.025	No
Q0336203-MS11	09/16/15	11	1.127	1397	0.011	No
Q0336204-MS13	09/16/15	13	1.131	1409	0.01	No
Q0336205-MS11	09/17/15	11	1.129	1384	0.015	No
Q0336206-MS13	09/17/15	13	1.130	1344	0.020	No
Q0336208-MS11	09/21/15	11	1.133	1409	0.043	No
Q0336207-MS13	09/21/15	13	1.127	1423	0.042	No
Q0336281-MS11	09/22/15	11	1.134	1426	0.026	No
Q0336282-MS13	09/22/15	13	1.128	1433	0.035	No
Q0336283-MS11 ²	09/23/15	11	NA	NA	NA	NA
Q0336284-MS13	09/23/15	13	1.125	1433	0.026	No
Q0336285-MS11	09/24/15	11	1.133	1442	0.023	No
Q0336286-MS13	09/24/15	13	1.131	1428	0.024	No
Q0336287-MS11	09/25/15	11	1.126	1379	0.017	No
Q0336288-MS13	09/25/15	13	1.125	1388	0.02	No
Q0336289-MS11	09/28/15	11	1.129	1408	0.022	No
Q0336290-MS13	09/28/15	13	1.224	1414	0.029	No
Q0336291-MS11	09/29/15	11	1.128	1432	0.021	No
Q0336292-MS13	09/29/15	13	1.124	1435	0.027	No
Q0336293-MS11	10/05/15	11	1.124	1421	0.031	No
Q0336294-MS13	10/05/15	13	1.124	1436	0.038	No
Q0336295-MS11	10/06/15	11	1.123	1426	0.025	No
Q0336296-MS13	10/06/15	13	1.123	1438	0.03	No
Q0336297-MS11	10/07/15	11	1.120	1418	0.030	No
Q0336298-MS13	10/07/15	13	1.120	1418	0.034	No
Q0336299-MS11	10/08/15	11	1.126	1452	0.024	No
Q0336300-MS13	10/08/15	13	1.125	1420	0.027	No
Q0338001-MS11	10/13/15	11	1.127	1331	0.034	No
Q0338002-MS13	10/13/15	13	1.128	1344	0.039	No
Q0338004-MS11	10/14/15	11	1.127	1320	0.019	No
Q0338003-MS13	10/14/15	13	1.125	1325	0.022	No
Q0338065-MS11	10/15/15	11	1.122	1437	0.016	No
Q0338066-MS13	10/15/15	13	1.121	1438	0.019	No
Q0338068-MS11	10/16/15	11	1.126	1427	0.014	No
Q0338067-MS13	10/16/15	13	1.125	1403	0.021	No
Q0338070-MS11	10/19/15	11	1.122	1418	0.017	No
Q0338069-MS13	10/19/15	13	1.121	1424	0.020	No
Q0338072-MS11	10/20/15	11	1.126	1432	0.026	No

Table 3**Particulate Matter, smaller than Ten Microns (PM10) Monitoring Results**Cal-OSHA Permissible Exposure Limit: 5.0 mg/m³

Sample, Date and Station Information			Sampler Run Information PM10s			
Sample ID	Sample Start Date ¹	Monitoring Station	Air Flow (l/min)	Duration of Run (min)	Concentration in Air (mg/m ³)	Exceedance (Yes/No)
Q0338071-MS13	10/20/15	13	1.123	1434	0.035	No
Q0338079-MS11	10/21/15	11	1.125	1435	0.031	No
Q0338080-MS13	10/21/15	13	1.125	1451	0.033	No
Q0338077-MS11	10/22/15	11	1.124	1432	0.039	No
Q0338078-MS13	10/22/15	13	1.122	1341	0.039	No
Q0338075-MS11	10/26/15	11	1.124	1420	0.017	No
Q0338076-MS13	10/26/15	13	1.123	1434	0.024	No
Q0338074-MS11	10/27/15	11	1.122	1429	0.019	No
Q0338073-MS13 ³	10/27/15	13	NA	NA	NA	NA
Q0338082-MS11	10/29/15	11	1.124	1417	0.042	No
Q0338081-MS13	10/29/15	13	1.125	1432	0.033	No
Q0338083-MS11	11/03/15	11	1.119	1429	0.015	No
Q0338084-MS13	11/03/15	13	1.117	1405	0.020	No
Q0338085-MS11	11/04/15	11	1.129	1421	0.015	No
Q0338086-MS13	11/04/15	13	1.118	1443	0.023	No
Q0338087-MS11	11/05/15	11	1.122	1452	0.018	No
Q0338088-MS13	11/05/15	13	1.118	1455	0.039	No
Q0338089-MS11	11/06/15	11	1.126	1413	0.011	No
Q0338090-MS13	11/06/15	13	1.117	1423	0.019	No
Q0338091-MS11	11/10/15	11	1.117	1476	0.015	No
Q0338092-MS13	11/10/15	13	1.114	1503	0.019	No
Q0338093-MS11 ²	11/11/15	11	NA	NA	NA	NA
Q0338094-MS13	11/11/15	13	1.115	1356	0.023	No
Q0338096-MS11	11/16/15	11	1.115	1426	0.0072	No
Q0338095-MS13	11/16/15	13	1.113	1435	0.011	No
Q0351057-MS11	11/17/15	11	1.121	1453	0.013	No
Q0351058-MS13	11/17/15	13	1.121	1465	0.018	No
Q0351060-MS11	11/18/15	11	1.129	1395	0.020	No
Q0351059-MS13	11/18/15	13	1.125	1400	0.025	No
Q0351061-MS11	11/19/15	11	1.126	1417	0.017	No
Q0351062-MS13	11/19/15	13	1.125	1382	0.025	No
Q0351063-MS11	11/23/15	11	1.119	1446	0.0093	No
Q0351064-MS13	11/23/15	13	1.117	1435	0.012	No
Q0351065-MS11	11/30/15	11	1.068	1351	0.019	No
Q0351066-MS13	11/30/15	13	1.117	1399	0.023	No
Q0351067-MS11	12/01/15	11	1.122	1433	0.025	No
Q0351068-MS13	12/01/15	13	1.119	1471	0.029	No
Q0351069-MS11	12/02/15	11	1.120	1460	0.043	No
Q0351070-MS13	12/02/15	13	1.122	1474	0.043	No
Q0351071-MS11	12/07/15	11	1.125	1457	0.022	No
Q0351072-MS13	12/07/15	13	1.125	1465	0.024	No
Q0351073-MS11 ²	12/08/15	11	NA	NA	NA	NA
Q0351074-MS13	12/08/15	13	1.124	1505	0.021	No
Q0351075-MS11	12/09/15	11	1.128	1398	0.0094	No
Q0351076-MS13 ²	12/09/15	13	NA	NA	NA	NA
Q0351077-MS11	12/15/15	11	1.118	1463	0.016	No
Q0351078-MS13	12/15/15	13	1.117	1485	0.025	No
Q0351079-MS11	12/16/15	11	1.119	1452	0.022	No
Q0351080-MS13	12/16/15	13	1.117	1453	0.028	No
Q0351082-MS11	12/17/15	11	1.118	1414	0.019	No
Q0351081-MS13	12/17/15	13	1.115	1411	0.022	No
Q0351085-MS11	01/27/16	11	1.124	1408	0.027	No
Q0351086-MS13	01/27/16	13	1.129	1430	0.029	No

Table 3**Particulate Matter, smaller than Ten Microns (PM10) Monitoring Results**Cal-OSHA Permissible Exposure Limit: 5.0 mg/m³

Sample, Date and Station Information			Sampler Run Information PM10s			
Sample ID	Sample Start Date ¹	Monitoring Station	Air Flow (l/min)	Duration of Run (min)	Concentration in Air (mg/m ³)	Exceedance (Yes/No)
Q0351084-MS11	01/28/16	11	1.124	1431	0.027	No
Q0351083-MS13	01/28/16	13	1.127	1379	0.030	No
Q0351087-MS11	02/01/16	11	1.118	1437	0.010	No
Q0351088-MS13	02/01/16	13	1.119	1448	0.012	No
Q0351089-MS11	02/03/16	11	1.120	1460	0.017	No
Q0351090-MS13 ²	02/03/16	13	NA	NA	NA	NA
Q0351091-MS11	02/04/16	11	1.120	1325	0.011	No
Q0351092-MS13	02/04/16	13	1.119	1369	0.020	No
Q0351093-MS11	02/08/16	11	1.126	1361	0.021	No
Q0351094-MS13	02/08/16	13	1.124	1430	0.037	No
Q0351095-MS11	02/09/16	11	1.123	1412	0.039	No
Q0351096-MS13	02/09/16	13	1.122	1382	0.047	No
Q0338257-MS11	02/10/16	11	1.124	1398	0.030	No
Q0338258-MS13	02/10/16	13	1.122	1422	0.045	No
Q0338260-MS11	02/11/16	11	1.121	1436	0.027	No
Q0338259-MS13	02/11/16	13	1.120	1412	0.032	No
Q0338261-MS11	02/15/16	11	1.123	1393	0.024	No
Q0338262-MS13	02/15/16	13	1.129	1423	0.037	No
Q0338263-MS11	02/16/16	11	1.126	1441	0.036	No
Q0338264-MS13	02/16/16	13	1.125	1428	0.040	No
Q0338267-MS11	02/22/16	11	1.119	1377	0.029	No
Q0338268-MS13	02/22/16	13	1.121	1422	0.031	No
Q0338265-MS11	02/23/16	11	1.222	1380	0.019	No
Q0338266-MS13	02/23/16	13	1.122	1390	0.028	No
Q0338269-MS11	02/24/16	11	1.122	1424	0.044	No
Q0338270-MS13	02/24/16	13	1.122	1396	0.049	No
Q0338271-MS11	02/25/16	11	1.200	1413	0.034	No
Q0338272-MS13	02/25/16	13	1.126	1414	0.034	No
Q0337853-MS11	02/29/16	11	1.120	1425	0.023	No
Q0337854-MS13	02/29/16	13	1.122	1409	0.032	No
Q0337856-MS11	03/01/16	11	1.125	1370	0.016	No
Q0337855-MS13	03/01/16	13	1.125	1430	0.018	No
Q0337857-MS11	03/02/16	11	1.126	1432	0.011	No
Q0337858-MS13	03/02/16	13	1.123	1435	0.015	No
Q0337859-MS11	03/08/16	11	1.123	1374	0.013	No
Q0337860-MS13	03/08/16	13	1.119	1403	0.014	No
Q0338722-MS11	03/15/16	11	1.118	1449	0.031	No
Q0338721-MS13	03/15/16	13	1.118	1445	0.036	No
Q0338723-MS11	03/16/16	11	1.122	1411	0.025	No
Q0338724-MS13	03/16/16	13	1.120	1426	0.029	No
Q0338726-MS11	03/17/16	11	1.119	1386	0.021	No
Q0338725-MS13	03/17/16	13	1.120	1412	0.022	No
Q0338727-MS11	03/21/16	11	1.119	1452	0.017	No
Q0338728-MS13	03/21/16	13	1.118	1397	0.018	No
Q0338729-MS11	03/22/16	11	1.114	1369	0.014	No
Q0338730-MS13	03/22/16	13	1.118	1283	0.021	No
Q0338731-MS11	03/23/16	11	1.120	1355	0.024	No
Q0338732-MS13	03/23/16	13	NA	NA	NA	NA
Q0338733-MS11	03/24/16	11	1.121	1392	0.027	No
Q0338734-MS13	03/24/16	13	1.120	1418	0.031	No
Q0338736-MS11	03/28/16	11	1.124	1411	0.021	No
Q0338735-MS13	03/28/16	13	1.117	1412	0.026	No
Q0338737-MS11	03/29/16	11	1.122	1435	0.022	No

Table 3**Particulate Matter, smaller than Ten Microns (PM10) Monitoring Results**Cal-OSHA Permissible Exposure Limit: 5.0 mg/m³

Sample, Date and Station Information			Sampler Run Information			
Sample ID	Sample Start Date ¹	Monitoring Station	Air Flow (l/min)	Duration of Run (min)	Concentration in Air (mg/m ³)	Exceedance (Yes/No)
Q0338738-MS13	03/29/16	13	1.120	1445	0.030	No
Q0338739-MS11	03/30/16	11	1.121	1418	0.032	No
Q0338740-MS13	03/30/16	13	1.116	1419	0.032	No
Q0338741-MS11	03/31/16	11	1.125	1447	0.029	No
Q0338742-MS13	03/31/16	13	1.116	1428	0.026	No
Q0338744-MS11	04/04/16	11	1.122	1433	0.042	No
Q0338743-MS13	04/04/16	13	1.133	1442	0.041	No
Q0338131-MS11	04/05/16	11	1.131	1436	0.031	No
Q0338132-MS13	04/05/16	13	1.126	1472	0.030	No
Q0338130-MS11	04/06/16	11	1.129	1502	0.031	No
Q0338129-MS13	04/06/16	13	1.124	1478	0.032	No
Q0338117-MS11	04/20/16	11	1.123	1432	0.019	No
Q0338118-MS13	04/20/16	13	1.123	1435	0.025	No
Q0338120-MS11	04/25/16	11	1.117	1397	0.033	No
Q0338119-MS13	04/25/16	13	1.117	1441	0.033	No
Q0338121-MS11	04/26/16	11	1.126	1419	0.022	No
Q0338122-MS13	04/26/16	13	1.118	1421	0.028	No
Q0338123-MS11	05/03/16	11	1.117	1618	0.025	No
Q0338124-MS14	05/03/16	14	1.124	1464	0.022	No
Q0338125-MS11	05/04/16	11	1.117	1417	0.019	No
Q0338126-MS14	05/04/16	14	1.117	1425	0.021	No
Q0338198-MS09	05/12/16	9	1.116	1463	0.030	No
Q0338199-MS14	05/12/16	14	1.116	1581	0.019	No
Q0338200-MS09	05/16/16	9	1.128	1392	0.048	No
Q0337901-MS14	05/16/16	14	1.122	1442	0.037	No
Q0337902-MS09	05/17/16	9	1.121	1422	0.038	No
Q0337903-MS14	05/17/16	14	1.120	1418	0.035	No
Q0337904-MS09	05/18/16	9	1.115	1475	0.051	No
Q0337905-MS14	05/18/16	14	1.115	1437	0.041	No
Q0337906-MS09	05/19/16	9	1.128	1405	0.057	No
Q0337907-MS14	05/19/16	14	1.126	1433	0.045	No
Q0337908-MS09	05/23/16	9	1.121	1541	0.014	No
Q0337909-MS14	05/23/16	14	1.118	1433	0.0077	No
Q0337922-MS09	05/24/16	9	1.119	1799	0.011	No
Q0337923-MS14	05/24/16	14	1.117	1454	0.0063	No
Q0337924-MS09	05/25/16	9	1.129	1423	0.018	No
Q0337925-MS14	05/25/16	14	1.123	1409	0.018	No
Q0337926-MS09	05/26/16	9	1.129	1354	0.028	No
Q0337927-MS14	05/26/16	14	1.125	1339	0.030	No
Q0337929-MS09	05/31/16	9	1.120	1445	0.017	No
Q0337928-MS14	05/31/16	14	1.122	1437	0.015	No
Q0337931-MS09	06/01/16	9	1.120	1364	0.015	No
Q0337930-MS14	06/01/16	14	1.121	1415	0.018	No
Q0337933-MS09	06/02/16	9	1.126	1456	0.020	No
Q0337932-MS14	06/02/16	14	1.126	1429	0.020	No
Q0337934-MS09	06/06/16	9	1.120	1398	0.0059	No
Q0337935-MS14	06/06/16	14	1.119	1418	0.0068	No
Q0337936-MS09	06/07/16	9	1.130	1412	0.0096	No
Q0337937-MS14	06/07/16	14	1.123	1423	0.012	No
Q0337921-MS09	06/08/16	9	1.119	1434	0.026	No
Q0337920-MS14	06/08/16	14	1.121	1437	0.015	No
Q0337918-MS09	06/09/16	9	1.120	1401	0.015	No
Q0337919-MS14	06/09/16	14	1.122	1378	0.015	No

Table 3**Particulate Matter, smaller than Ten Microns (PM10) Monitoring Results**Cal-OSHA Permissible Exposure Limit: 5.0 mg/m³

Sample, Date and Station Information			Sampler Run Information PM10s			
Sample ID	Sample Start Date ¹	Monitoring Station	Air Flow (l/min)	Duration of Run (min)	Concentration in Air (mg/m ³)	Exceedance (Yes/No)
Q0338193-MS09	06/13/16	9	1.119	1427	0.037	No
Q0327219-MS14	06/13/16	14	1.126	1412	0.042	No
Q0327220-MS09	06/14/16	9	1.127	1428	0.060	No
Q0337910-MS14	06/14/16	14	1.118	1436	0.029	No
Q0328500-MS09	06/15/16	9	1.133	1445	0.021	No
Q0337911-MS14	06/15/16	14	1.117	1430	0.015	No
Q0337912-MS09	06/20/16	9	1.129	1434	0.041	No
Q0337913-MS14	06/20/16	14	1.123	1444	0.036	No
Q0337914-MS09	06/21/16	9	1.125	1360	0.039	No
Q0337915-MS09	06/21/16	14	1.119	1361	0.049	No
Q0337916-MS09	06/22/16	9	1.123	1408	0.026	No
Q0337917-MS14	06/22/16	14	1.118	1415	0.027 J	No
Q0337953-MS09	06/23/16	9	1.125	1378	0.032	No
Q0337952-MS14	06/23/16	14	1.122	1352	0.026	No
Q0337950-MS09	06/27/16	9	1.120	1453	0.023	No
Q0337951-MS14	06/27/16	14	1.116	1418	0.025	No
Q0337948-MS09	06/28/16	9	1.118	1430	0.026	No
Q0337959-MS14 ⁴	06/28/16	14	NA	NA	NA	NA
Q0337947-MS09	06/29/16	9	1.118	1475	0.032	No
Q0337946-MS14	06/29/16	14	1.115	1212	0.035	No
Q0337945-MS09	07/07/16	9	1.121	1680	0.005	No
Q0337944-MS14	07/07/16	14	1.121	1684	0.006	No
Q0337943-MS09	07/12/16	9	1.121	1449	0.019	No
Q0337942-MS14	07/12/16	14	1.118	1439	0.022	No
Q0337941-MS09	07/13/16	9	1.122	1420	0.029	No
Q0337940-MS14	07/13/16	14	1.120	1427	0.033	No
Q0337939-MS09	07/14/16	9	1.119	1560	0.022	No
Q0337938-MS14	07/14/16	14	1.118	1565	0.024	No
No Sample - MS09 ⁵	07/26/16	9	NA	NA	NA	NA
Q0337954-MS14	07/26/16	14	1.119	1431	0.011	No
Q0337964-MS09	08/01/16	9	1.123	1396	0.012	No
Q0337963-MS14	08/01/16	14	1.119	1492	0.011	No
Q0337955-MS09	08/02/16	9	1.118	1466	0.022	No
Q0337956-MS14	08/02/16	14	1.119	1442	0.019	No
Q0337958-MS09	08/08/16	9	1.121	1385	0.024	No
No Sample - MS10 ⁶	08/08/16	10	NA	NA	NA	NA
Q0337959-MS09	08/09/16	9	1.120	1414	0.024	No
Q0337957-MS10	08/09/16	10	1.121	1268	0.023	No
Q0337960-MS09	08/10/16	9	1.121	1423	0.018	No
Q0337961-MS10	08/10/16	10	1.120	1435	0.013	No
Q0337962-MS09	08/11/16	9	1.118	1348	0.013	No
Q0337965-MS10	08/11/16	10	1.120	1340	0.012	No
Q0337966-MS09	08/15/16	9	1.117	1316	0.015	No
Q0337967-MS10	08/15/16	10	1.118	1468	0.012	No
Q0337968-MS09	08/16/16	9	1.119	1441	0.018	No
Q0337969-MS10	08/16/16	10	1.121	1451	0.010	No
Q0337970-MS09	08/17/16	9	1.120	1436	0.017	No
Q0337971-MS10	08/17/16	10	1.124	1444	0.011	No
Q0337972-MS09	08/18/16	9	1.120	1391	0.017	No
Q0337973-MS10	08/18/16	10	1.122	1381	0.014	No
Q0337974-MS09	08/31/16	9	1.120	1360	0.026	No
Q0337975-MS32	08/31/16	32	1.122	1400	0.030	No
Q0337976-MS09	09/01/16	9	1.121	1389	0.025	No

Table 3**Particulate Matter, smaller than Ten Microns (PM10) Monitoring Results**Cal-OSHA Permissible Exposure Limit: 5.0 mg/m³

Sample, Date and Station Information			Sampler Run Information PM10s			
Sample ID	Sample Start Date ¹	Monitoring Station	Air Flow (l/min)	Duration of Run (min)	Concentration in Air (mg/m ³)	Exceedance (Yes/No)
Q0337977-MS32	09/01/16	32	1.122	1370	0.025	No
Q0337978-MS09	09/06/16	9	1.128	1397	0.038	No
Q0337979-MS32	09/06/16	32	1.125	1462	0.037	No
Q0337980-MS09	09/07/16	9	1.125	1431	0.036	No
Q0337981-MS32	09/07/16	32	1.126	1430	0.032	No
Q0337982-MS09	09/08/16	9	1.120	1412	0.027	No
Q0337983-MS32	09/08/16	32	1.119	1390	0.022	No
Q0337984-MS09	09/12/16	9	1.119	1445	0.028	No
Q0337985-MS32	09/12/16	32	1.120	1247	0.029	No
Q0337999-MS09	09/13/16	9	1.121	1426	0.029	No
Q0338000-MS32	09/13/16	32	1.123	1796	0.031	No
Q0364901-MS09	09/14/16	9	1.128	1438	0.027	No
Q0364902-MS32	09/14/16	32	1.125	1460	0.026	No
Q0364904-MS09	09/15/16	9	1.124	1320	0.024	No
Q0364903-MS32	09/15/16	32	1.126	1297	0.020	No
Q0364905-MS09	09/19/16	9	1.131	1405	0.033	No
Q0364906-MS32	09/19/16	32	1.146	1415	0.027	No
Q0364907-MS09	09/20/16	9	1.127	1424	0.027	No
Q0364908-MS32	09/20/16	32	1.126	1439	0.025	No
Q0364909-MS32 ⁷	09/21/16	9	NA	NA	NA	NA
Q0364910-MS32	09/21/16	32	1.126	1444	0.027	No
Q0364911-MS09	09/22/16	9	1.126	1355	0.025	No
Q0364912-MS32	09/22/16	32	1.126	1348	0.024	No
Q0364913-MS09	09/26/16	9	1.134	1435	0.033	No
Q0364914-MS32	09/26/16	32	1.136	1452	0.034	No
Q0364915-MS09	09/27/16	9	1.126	1417	0.019	No
Q0364916-MS32	09/27/16	32	1.128	1430	0.014	No
Q0364917-MS09	09/28/16	9	1.121	1400	0.027	No
Q0364918-MS32	09/28/16	32	1.124	1403	0.021	No
Q0364920-MS09	09/29/16	9	1.123	1369	0.025	No
Q0364919-MS32	09/29/16	32	1.124	1355	0.021	No
Q0364921-MS09	10/03/16	9	1.125	1402	0.018	No
Q0364922-MS32	10/03/16	32	1.127	1342	0.019	No
Q0364927-MS09	10/12/16	9	1.159	1452	0.0065	No
Q0364928-MS10	10/12/16	10	1.125	1421	0.016	No
Q0364930-MS09	11/09/16	9	1.138	1399	0.032	No
Q0364929-MS10	11/9/2016 ⁸	10	1.129	1442	0.038	No
Q0364948-MS09	12/12/16	9	1.132	1433	0.010	No
Q0364947-MS10	12/12/16	10	1.121	1446	0.012	No
Q0364949-MS09	12/13/16	9	1.132	1404	0.018	No
Q0364950-MS10	12/13/16	10	1.122	1408	0.020	No
Q0364951-MS09	12/14/16	9	1.135	1387	0.0028	No
Q0364952-MS10	12/14/2016 ⁸	10	1.125	1395	0.0022	No
Q0364953-MS09 ⁹	01/05/17	9	NA	NA	NA	NA
Q0364954-MS10	01/05/17	10	1.112	1453	0.0087	No
Q0364953-MS09	01/06/17	9	1.126	1276	0.013	No
Q0364955-MS10	01/06/17	10	1.117	1660	0.010	No
Q0364956-MS09	01/16/17	9	1.120	1391	0.028	No
Q0364957-MS10	01/16/17	10	1.113	1426	0.029	No

Table 3**Particulate Matter, smaller than Ten Microns (PM10) Monitoring Results**Cal-OSHA Permissible Exposure Limit: 5.0 mg/m³

Sample, Date and Station Information			Sampler Run Information PM10s			
Sample ID	Sample Start Date ¹	Monitoring Station	Air Flow (l/min)	Duration of Run (min)	Concentration in Air (mg/m ³)	Exceedance (Yes/No)
Q0364958-MS09	01/17/17	9	1.123	1418	0.035	No
Q0364959-MS10	01/17/17	10	1.116	1413	0.044	No

Notes:

¹Air sample was not collected on days with rain or when contaminated soil was not disturbed.²Generator breaker at MS#11 was tripped during sample collection on 11/17/14, 4/21/15, 6/17/2015, 7/29/2015, 8/26/2015, 8/28/15, 9/23/2015, 11/11/2015, and 12/8/2015. No samples taken.³Generator breaker at MS#13 was tripped during sample collection on 5/6/2015, 10/27/13, 12/9/2015, 2/3/2016 and 3/23/2016. No samples taken.⁴Generator breaker at MS#14 was tripped during sample collection on 6/28/2016. No sample taken.⁵Generator breaker at MS#09 was tripped during sample collection on 7/26/2016. No sample taken.⁶Generator breaker at MS#10 was tripped during sample collection on 8/8/2016. No sample taken.⁷Generator breaker at MS#32 was tripped during sample collection on 9/21/2016. No sample taken.⁸ Site closed for vacation between November 21-25, 2016. December 19, 2016-January 3, 2017.⁹ Generator breaker at MS#09 was tripped immediately after start up on 1/5/2017. No sample taken.

l/min = liters per minute

PM₁₀-particulate matter smaller than 10 microns in diameter

min = minutes

Samples analyzed by ALS Environmental

m³ = cubic meters

Sample locations are shown on Figure 1

mg = milligrams

* Filter damaged during shipment

mg/m³ = milligrams per cubic meter

ug = micrograms

Table 4

Total Suspended Particulates, Arsenic, Manganese, and Lead Monitoring ResultsCal-Osha Permissible Exposure Limits: TSP - 0.5 mg/m³; Arsenic - 0.010 mg/m³; Manganese - 0.2 mg/m³; Lead - 0.05 mg/m³

Sample, Date and Station Information			Sampler Run Information			Total Suspended Particulates		Arsenic		Lead		Manganese	
Sample ID	Sample Start Date ¹	Monitoring Station	Ave Flow Rate (l/min)	Duration of Run (min)	Total Air Volume Monitored (m ³)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)
9028411-MS11	11/11/14	11	1.231	1463	1801.94	0.051	No	<0.000014	No	<0.000014	No	0.000022	No
9028412-MS33	11/11/14	33	1.229	1449	1780.44	0.032	No	<0.000014	No	<0.000014	No	<0.000014	No
9030120-MS11	11/12/14	11	1.216	1081	1313.55	0.036	No	<0.000019	No	<0.000019	No	<0.000019	No
9030116-MS33	11/12/14	33	1.223	1435	1754.34	0.028	No	<0.000014	No	<0.000014	No	<0.000014	No
9028416-MS11	11/13/14	11	1.214	1380	1675.38	0.015	No	<0.000015	No	<0.000015	No	<0.000015	No
9028417-MS33	11/13/14	33	1.220	1384	1688.52	0.018	No	<0.000015	No	<0.000015	No	<0.000015	No
8926493-MS11 ²	11/17/14	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8926495-MS33	11/17/14	33	1.220	1487	1407.65	0.034	No	<0.000014	No	0.000068	No	0.000018	No
8926494-MS11	11/18/14	11	1.212	1420	1721.20	0.055	No	<0.000015	No	<0.000015	No	0.000028	No
9030115-MS33	11/18/14	33	1.212	1413	1725.35	0.060	No	<0.000014	No	0.000018	No	0.000031	No
9028419-MS11	11/24/14	11	1.213	1402	1699.47	0.031	No	<0.000015	No	0.000021	No	0.000015	No
9028418-MS33	11/24/14	33	1.220	1415	1726.21	0.035	No	<0.000014	No	0.000019	No	0.000019	No
9028424-MS11	12/01/14	11	1.211	1364	1652.22	0.023	No	<0.000015	No	0.000020	No	0.000020	No
9028425-MS13	12/01/14	13	1.219	1443	1759.59	0.019	No	<0.000014	No	0.000086	No	0.000029	No
9028421-MS11	12/08/14	11	1.215	1423	1727.87	0.030	No	<0.000014	No	<0.000014	No	<0.000014	No
9028420-MS13	12/08/14	13	1.222	1253	1752.14	0.024	No	<0.000014	No	<0.000014	No	<0.000014	No
9028427-MS11	12/09/14	11	1.214	1389	1686.02	0.035	No	<0.000015	No	<0.000015	No	0.000015	No
9028426-MS13	12/09/14	13	1.221	1411	1722.98	0.035	No	<0.000015	No	<0.000015	No	0.000016	No
9028331-MS11	01/07/15	11	1.215	1334	1264.61	0.055	No	<0.000015	No	0.000042	No	0.000029	No
9028430-MS13	01/07/15	13	1.221	1406	1715.79	0.073	No	<0.000015	No	0.000053	No	0.000046	No
9028432-MS11	01/08/15	11	1.221	1363	1651.60	0.079	No	<0.000015	No	0.000100	No	0.000035	No
9028433-MS13	01/08/15	13	1.217	1369	1665.68	0.100	No	<0.000015	No	0.000100	No	0.000064	No
9028434-MS11	01/12/15	11	1.201	1393	1674.35	0.025	No	<0.000015	No	<0.000015	No	<0.000015	No
9028435-MS13	01/12/15	13	1.215	1422	1727.50	0.047	No	<0.000014	No	0.000018	No	0.000042	No
9028437-MS11	01/13/15	11	1.214	1415	1718.00	0.029	No	<0.000015	No	0.000016	No	0.000020	No
9028436-MS13	01/13/15	13	1.217	1424	1732.23	0.051 J	No	0.000073	No	0.000041	No	<0.000014	No
9028438-MS11	01/14/15	11	1.211	1426	1726.74	0.054	No	<0.000014	No	0.000037	No	0.000026	No
9028429-MS11	01/14/15	13	1.215	1417	1720.75	0.059	No	<0.000015	No	0.000040	No	0.000035	No
9028440-MS11	01/19/15	11	1.214	1415	1223.79	0.039 J	No	<0.000020	No	<0.000020	No	0.000023	No
9028441-MS13	01/19/15	13	1.218	1393	1696.71	0.060	No	<0.000015	No	0.000015	No	0.000057	No
9028443-MS11	01/20/15	11	1.209	1439	1739.95	0.071	No	<0.000014	No	0.000068	No	0.000049	No
9028442-MS13	01/20/15	13	1.215	1434	1741.94	0.040	No	<0.000014	No	<0.000014	No	0.000024	No
9028449-MS11	01/21/15	11	1.210	1250	1512.43	0.051	No	<0.000017	No	0.000018	No	0.000037	No
9028448-MS13	01/21/15	13	1.214	1420	1724.62	0.069	No	<0.000014	No	0.000028	No	0.000059	No
9028447-MS11	01/26/15	11	1.212	1326	1606.45	0.072	No	<0.000016	No	0.000120	No	0.000043	No
9028446-MS13	01/26/15	13	1.216	1402	1704.97	0.051	No	<0.000015	No	0.000094	No	0.000030	No
9028445-MS11	01/27/15	11	1.217	1412	1717.66	0.062	No	<0.000015	No	0.000027	No	0.000041	No
9028444-MS13	01/27/15	13	1.221	1411	1721.84	0.063	No	<0.000015	No	0.000019	No	0.000044	No
9028451-MS11	02/09/15	11	1.213	1396	1693.19	0.035	No	<0.000015	No	<0.000015	No	<0.000015	No
9028450-MS13	02/09/15	13	1.211	1457	1763.87	0.046	No	<0.000014	No	<0.000014	No	<0.000014	No
9028453-MS11	02/10/15	11	1.213	1378	1670.47	0.031	No	<0.000015	No	0.000022	No	<0.000015	No
9028452-MS13	02/10/15	13	1.216	1396	1697.17	0.038	No	<0.000015	No	0.000016	No	0.000021	No
9028455-MS11	02/11/15	11	1.213	1468	1780.96	0.040	No	<0.000014	No	0.000033	No	0.000024	No
9028454-MS13	02/11/15	13	1.220	1462	1783.60	0.041	No	<0.000014	No	0.000048	No	0.000024	No
9028456-MS11	02/12/15	11	1.219	1370	1670.45	0.035	No	<0.000015	No	<0.000015	No	0.000020	No
9028457-MS13	02/12/15	13	1.223	1369	1673.24	0.047	No	<0.000015	No	0.000023	No	0.000033	No
9028458-MS11	02/17/15	11	1.211	1396	1690.91	0.015	No	<0.000015	No	<0.000015	No	<0.000015	No

Table 4

Total Suspended Particulates, Arsenic, Manganese, and Lead Monitoring ResultsCal-OSHA Permissible Exposure Limits: TSP - 0.5 mg/m³; Arsenic - 0.010 mg/m³; Manganese - 0.2 mg/m³; Lead - 0.05 mg/m³

Sample, Date and Station Information			Sampler Run Information			Total Suspended Particulates		Arsenic		Lead		Manganese	
Sample ID	Sample Start Date ¹	Monitoring Station	Ave Flow Rate (l/min)	Duration of Run (min)	Total Air Volume Monitored (m ³)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)
9028459-MS13	02/17/15	13	1.208	1408	1700.83	0.032	No	<0.000015	No	<0.000015	No	<0.000015	No
9028460-MS11	02/18/15	11	1.213	1432	1737.22	0.069	No	<0.000014	No	0.000041	No	0.000045	No
9028461-MS13	02/18/15	13	1.212	1436	1740.95	0.044	No	<0.000014	No	0.000024	No	<0.000014	No
9028462-MS11 ²	02/19/15	11	1.212	1422	1723.26	NA	NA	NA	NA	NA	NA	NA	No
9028463-MS13 ³	02/19/15	13	1.215	1416	1719.76	NA	NA	NA	NA	NA	NA	NA	No
9028465-MS11	03/09/15	11	1.213	1415	1716.46	0.072	No	<0.000015	No	0.000037	No	0.000044	No
9028464-MS13	03/09/15	13	1.213	1428	1732.72	0.034	No	<0.000014	No	<0.000014	No	<0.000014	No
9028470-MS11	03/10/15	11	1.210	1439	1741.63	0.058	No	<0.000014	No	0.000037	No	0.000029	No
9028471-MS13	03/10/15	13	1.211	1437	1739.91	0.043	No	<0.000014	No	<0.000014	No	0.000017	No
9028466-MS11	03/16/15	11	1.212	1408	1705.38	0.019	No	<0.000015	No	<0.000015	No	<0.000015	No
9028467-MS13	03/16/15	13	1.208	1427	1723.26	0.032	No	<0.000015	No	<0.000015	No	<0.000015	No
9028469-MS11	03/17/15	11	1.213	1585	1923.42	0.075	No	<0.000013	No	0.000065	No	0.000043	No
9028468-MS13	03/17/15	13	1.205	1546	1863.14	0.066	No	<0.000013	No	<0.000013	No	0.000029	No
9028472-MS11	03/24/15	11	1.212	1409	1708.85	0.021	No	<0.000015	No	<0.000015	No	<0.000015	No
9028473-MS13	03/24/15	13	1.206	1433	1728.61	0.044	No	<0.000014	No	<0.000014	No	0.000016	No
9028476-MS11	03/25/15	11	1.215	1385	1683.00	0.031	No	<0.000015	No	0.000020	No	<0.000015	No
9028477-MS13	03/25/15	13	1.214	1426	1731.45	0.054	No	<0.000014	No	0.000034	No	0.000021	No
9028474-MS11	03/26/15	11	1.216	1436	1746.01	0.031	No	<0.000014	No	0.000055	No	0.000017	No
9028475-MS13	03/26/15	13	1.219	1408	1716.89	0.028	No	<0.000015	No	0.000044	No	<0.000015	No
9028478-MS11	03/30/15	11	1.198	1446	1691.32	0.076	No	<0.000015	No	0.000170	No	0.000037	No
9028479-MS13	03/30/15	13	1.198	1446	1732.32	0.094	No	<0.000014	No	<0.000014	No	0.000040	No
9028481-MS11	03/31/15	11	1.213	1416	1718.26	0.064	No	<0.000015	No	0.000033	No	0.000034	No
9028480-MS13	03/31/15	13	1.215	1426	1732.79	0.062	No	<0.000014	No	0.000015	No	0.000029	No
9028482-MS11	04/01/15	11	1.215	1427	1733.66	0.051	No	<0.000014	No	0.000018	No	0.000020	No
9028483-MS13	04/01/15	13	1.220	1417	1728.81	0.071	No	<0.000014	No	0.000017	No	0.071000	No
9028485-MS11	04/02/15	11	1.213	1420	1723.04	0.052	No	<0.000015	No	<0.000015	No	0.000021	No
9028484-MS13	04/02/15	13	1.215	1399	1699.42	0.060	No	<0.000015	No	<0.000015	No	0.000029	No
9028486-MS11	04/14/15	11	1.215	1480	1797.11	0.039	No	<0.000014	No	<0.000014	No	0.000018	No
9028487-MS13	04/14/15	13	1.214	1466	1780.67	0.048	No	<0.000014	No	<0.000014	No	0.000022	No
9028489-MS11	04/15/15	11	1.218	1575	1918.56	0.055	No	<0.000013	No	0.000015	No	0.000029	No
9028488-MS13	04/15/15	13	1.226	1603	1965.44	0.072	No	<0.000013	No	0.000015	No	0.000041	No
9028490-MS11	04/20/15	11	1.211	1409	1705.47	0.066	No	<0.000015	No	0.000082	No	0.000035	No
9028491-MS13	04/20/15	13	1.220	1406	1714.87	0.037	No	<0.000015	No	<0.000015	No	0.000018	No
9028493-MS11 ²	04/21/15	11	NA	NA	NA	NA	No	NA	NA	NA	NA	NA	NA
9028492-MS13	04/21/15	13	1.218	1433	1745.00	0.024	No	<0.000014	No	<0.000014	No	<0.000014	No
9028495-MS11	04/22/15	11	1.138	1453	1756.69	0.310	No	<0.000014	No	0.000400	No	0.000160	No
9028494-MS13	04/22/15	13	1.222	1610	1968.06	0.047	No	<0.000013	No	<0.000013	No	0.000013	No
9028496-MS11	04/27/15	11	1.212	1425	1726.71	0.026	No	<0.000014	No	<0.000014	No	<0.000014	No
9028497-MS13	04/27/15	13	1.145	1427	1735.95	0.025	No	<0.000014	No	<0.000014	No	<0.000014	No
9028498-MS11	04/28/15	11	1.211	1430	1732.17	0.033	No	<0.000014	No	<0.000014	No	<0.000014	No
9028499-MS13	04/28/15	13	1.219	1441	1756.43	0.041	No	<0.000014	No	<0.000014	No	0.000015	No
9028500-MS11	04/29/15	11	1.219	1418	1729.59	0.059	No	<0.000014	No	<0.000014	No	<0.000014	No
9028501-MS13	04/29/15	13	1.229	1426	1751.88	0.058	No	<0.000014	No	<0.000014	No	0.000016	No
9030203-MS11	04/30/15	11	1.222	1351	1650.84	0.060	No	<0.000015	No	<0.000015	No	0.000025	No
9030202-MS13	04/30/15	13	1.233	1390	1713.90	0.067	No	<0.000015	No	<0.000015	No	0.000027	No
9030205-MS11	05/06/15	11	1.212	1416	1715.99	0.048	No	<0.000015	No	<0.000015	No	<0.000015	No
9030204-MS13	05/06/15	13	1.217	1296	1577.64	0.040	No	<0.000016	No	<0.000016	No	<0.000016	No

Table 4

Total Suspended Particulates, Arsenic, Manganese, and Lead Monitoring ResultsCal-OSHA Permissible Exposure Limits: TSP - 0.5 mg/m³; Arsenic - 0.010 mg/m³; Manganese - 0.2 mg/m³; Lead - 0.05 mg/m³

Sample, Date and Station Information			Sampler Run Information			Total Suspended Particulates		Arsenic		Lead		Manganese	
Sample ID	Sample Start Date ¹	Monitoring Station	Ave Flow Rate (l/min)	Duration of Run (min)	Total Air Volume Monitored (m ³)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)
9030207-MS11	05/07/15	11	1.213	1634	1982.57	0.075	No	<0.000013	No	0.000020	No	0.000027	No
9030206-MS13	05/07/15	13	1.218	1444	1759.43	0.067	No	<0.000014	No	<0.000014	No	0.000025	No
9030208-MS11	05/08/15	11	1.211	1178	1426.70	0.071	No	<0.000018	No	0.000049	No	0.000028	No
9030209-MS13	05/08/15	13	1.217	1296	1577.64	0.082	No	<0.000014	No	0.000030	No	0.000034	No
9030211-MS11	05/11/15	11	1.209	1636	1978.96	0.110	No	<0.000013	No	0.000170	No	0.000065	No
9030210-MS13	05/11/15	13	1.215	1598	1941.22	0.091	No	<0.000013	No	<0.000013	No	0.000050	No
9030212-MS11	05/13/15	11	1.211	1361	1648.62	0.220	No	<0.000015	No	0.00029	No	0.000130	No
9030213-MS13	05/13/15	13	1.218	1447	1761.60	0.026	No	<0.000014	No	<0.000014	No	<0.000014	No
9030215-MS11	05/19/15	11	1.212	1413	1711.89	0.040	No	<0.000015	No	<0.000015	No	0.000020	No
9030214-MS13	05/19/15	13	1.218	1396	1700.77	0.025	No	<0.000015	No	<0.000015	No	<0.000015	No
9030221-MS11	05/20/15	11	1.213	1551	1880.98	0.015	No	<0.000013	No	<0.000013	No	<0.000013	No
9030220-MS13	05/20/15	13	1.220	1588	1963.67	0.022	No	<0.000013	No	<0.000013	No	<0.000013	No
9030222-MS11	05/26/15	11	1.214	1385	1680.76	0.012	No	<0.000015	No	<0.000015	No	<0.000015	No
9030223-MS13	05/26/15	13	1.218	1400	1705.23	0.019	No	<0.000015	No	<0.000015	No	<0.000015	No
9030225-MS11	05/27/15	11	1.209	1395	1686.42	0.015	No	<0.000015	No	<0.000015	No	<0.000015	No
9030224-MS13	05/27/15	13	1.218	1396	1699.35	0.045	No	<0.000015	No	<0.000015	No	0.000022	No
9030226-MS11	05/28/15	11	1.214	1370	1662.57	0.013	No	<0.000015	No	<0.000015	No	<0.000015	No
9030227-MS13	05/28/15	13	1.220	1370	1671.24	0.027	No	<0.000015	No	<0.000015	No	<0.000015	No
9030228-MS11	05/29/15	11	1.213	1453	1762.67	0.016	No	<0.000014	No	<0.000014	No	<0.000014	No
9030229-MS13	05/29/15	13	1.218	1448	1764.52	0.027	No	<0.000014	No	0.000032	No	<0.000014	No
9030230-MS11	06/01/15	11	1.220	1420	1731.61	0.014	No	<0.000014	No	0.000025	No	<0.000014	No
9030231-MS13	06/01/15	13	1.224	1429	1748.07	0.015	No	<0.000014	No	<0.000014	No	<0.000014	No
9030232-MS11	06/02/15	11	1.216	1423	1731.26	0.052	No	<0.000014	No	0.00013	No	0.000028	No
9030233-MS13	06/02/15	13	1.221	1458	1780.37	0.051	No	<0.000014	No	<0.000014	No	0.000022	No
9030235-MS11	06/03/15	11	1.213	1408	1708.49	0.065	No	<0.000015	No	0.00012	No	0.000019	No
9030234-MS13	06/03/15	13	1.219	1426	1737.63	0.055	No	<0.000014	No	<0.000014	No	0.000021	No
9030236-MS11	06/04/15	11	1.225	1397	1712.01	0.054	No	<0.000015	No	0.00014	No	0.000022	No
9030237-MS13	06/04/15	13	1.221	1361	1662.72	0.060	No	<0.000015	No	<0.000015	No	0.000021	No
9030241-MS11	06/08/15	11	1.233	1434	1768.05	0.039	No	<0.000014	No	<0.000014	No	0.000021	No
9030240-MS13	06/08/15	13	1.230	1431	1760.31	0.034	No	<0.000014	No	<0.000014	No	0.000019	No
9030242-MS11	06/09/15	11	1.230	1416	1741.65	0.033	No	<0.000014	No	0.000016	No	0.000016	No
9030243-MS13	06/09/15	13	1.227	1415	1736.22	0.035	No	<0.000014	No	<0.000014	No	0.000019	No
9030245-MS11	06/11/15	11	1.230	1411	1735.07	0.023	No	<0.000014	No	<0.000014	No	<0.000014	No
9030244-MS13	06/11/15	13	1.228	1418	1741.59	0.029	No	<0.000014	No	<0.000014	No	<0.000014	No
9030246-MS11	06/15/15	11	1.224	1420	1737.81	0.038	No	<0.000014	No	<0.000014	No	<0.000014	No
9030247-MS13	06/15/15	13	1.221	1423	1737.73	0.056	No	<0.000014	No	<0.000014	No	0.000019	No
9030249-MS11	06/16/15	11	1.225	1423	1742.47	0.044	No	<0.000014	No	<0.000014	No	<0.000014	No
9030248-MS13	06/16/15	13	1.222	1429	1747.02	0.056	No	<0.000014	No	<0.000014	No	0.000019	No
9030250-MS11 ²	06/17/15	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9030251-MS13	06/17/15	13	1.221	1424	1737.76	0.055	No	<0.000014	No	<0.000014	No	0.000021	No
9030252-MS11	06/18/15	11	1.224	1415	1732.20	0.045	No	<0.000014	No	0.000018	No	0.000017	No
9030253-MS13	06/18/15	13	1.223	1415	1729.86	0.068	No	<0.000014	No	<0.000014	No	0.000033	No
9030255-MS11	06/22/15	11	1.225	1433	1755.02	0.027	No	<0.000014	No	<0.000014	No	<0.000014	No
9030254-MS13	06/22/15	13	1.224	1445	1768.31	0.042	No	<0.000014	No	0.000017	No	0.000014 J	No
9030238-MS11	06/23/15	11	1.225	1427	1748.45	0.045	No	<0.000014	No	<0.000014	No	0.000015	No
9030239-MS13	06/23/15	13	1.223	1433	1752.96	0.083	No	<0.000014	No	<0.000014	No	0.000042	No
9030275-MS11	06/24/15	11	1.224	1409	1723.77	0.120	No	<0.000015	No	0.000058	No	0.000047	No

Table 4

Total Suspended Particulates, Arsenic, Manganese, and Lead Monitoring ResultsCal-OSHA Permissible Exposure Limits: TSP - 0.5 mg/m³; Arsenic - 0.010 mg/m³; Manganese - 0.2 mg/m³; Lead - 0.05 mg/m³

Sample, Date and Station Information			Sampler Run Information			Total Suspended Particulates		Arsenic		Lead		Manganese	
Sample ID	Sample Start Date ¹	Monitoring Station	Ave Flow Rate (l/min)	Duration of Run (min)	Total Air Volume Monitored (m ³)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)
9030274-MS13	06/24/15	13	1.221	1422	1736.18	0.066	No	<0.000014	No	<0.000014	No	0.000026	No
9030272-MS11	06/25/15	11	1.231	1433	1764.17	0.059	No	<0.000014	No	0.000018	No	0.000029	No
9030273-MS13	06/25/15	13	1.229	1433	1761.07	0.045	No	<0.000014	No	<0.000014	No	0.000020	No
9030271-MS11	06/29/15	11	1.234	1406	1734.08	0.022	No	<0.000014	No	<0.000014	No	<0.000014	No
9030270-MS13	06/29/15	13	1.229	1415	1739.31	0.037	No	<0.000014	No	<0.000014	No	0.000017	No
9030268-MS11	06/30/15	11	1.233	1430	1763.64	0.022	No	<0.000014	No	<0.000014	No	0.000016	No
9030269-MS13	06/30/15	13	1.231	1449	1783.47	0.033	No	<0.000014	No	<0.000014	No	0.000024	No
9030260-MS11	07/01/15	11	1.232	1404	1730.40	0.021	No	<0.000014	No	<0.000014	No	<0.000014	No
9030261-MS13	07/01/15	13	1.230	1394	1714.13	0.026	No	<0.000015	No	<0.000015	No	0.000016	No
9030264-MS11	07/06/15	11	1.231	1441	1773.77	0.018	No	<0.000014	No	<0.000014	No	<0.000014	No
9030265-MS13	07/06/15	13	1.225	1453	1780.07	0.035	No	<0.000014	No	<0.000014	No	0.000016	No
9030262-MS11	07/07/15	11	1.231	1379	1697.99	0.019	No	<0.000015	No	<0.000015	No	<0.000015	No
9030263-MS13	07/07/15	13	1.228	1417	1740.23	0.033	No	<0.000014	No	<0.000014	No	0.000016	No
9030256-MS11	07/08/15	11	1.230	1418	1744.43	0.011	No	<0.000014	No	<0.000014	No	<0.000014	No
9030257-MS13	07/08/15	13	1.228	1427	1752.44	0.025	No	<0.000014	No	<0.000014	No	0.000014 J	No
9030259-MS11	07/09/15	11	1.228	1443	1770.67	0.015	No	<0.000014	No	<0.000014	No	<0.000014	No
9030258-MS13	07/09/15	13	1.225	1453	1780.07	0.023	No	<0.000014	No	<0.000014	No	<0.000014	No
9030277-MS11	07/13/15	11	1.227	1435	1761.17	0.040	No	<0.000014	No	0.000018	No	0.000018	No
9030276-MS13	07/13/15	13	1.225	1439	1763.48	0.046	No	<0.000014	No	0.000015	No	0.000024	No
9030278-MS11	07/14/15	11	1.229	1418	1742.78	0.035	No	<0.000014	No	<0.000014	No	<0.000014	No
9030279-MS13	07/14/15	13	1.228	1428	1753.68	0.059	No	<0.000014	No	<0.000014	No	0.000023	No
9030281-MS11	07/15/15	11	1.231	1406	1730.85	0.027	No	<0.000014	No	<0.000014	No	<0.000014	No
9030280-MS13	07/15/15	13	1.231	1430	1760.43	0.032	No	<0.000014	No	<0.000014	No	0.000015	No
9030282-MS11	07/20/15	11	1.231	1411	1736.01	0.043	No	0.000021	No	<0.000014	No	0.000021	No
9030283-MS13	07/20/15	13	1.231	1424	1753.26	0.057	No	<0.000014	No	<0.000014	No	0.000035	No
9030284-MS11	07/21/15	11	1.227	1432	1757.77	0.064	No	<0.000014	No	0.000026	No	0.000030	No
9030285-MS13	07/21/15	13	1.228	1431	1757.77	0.045	No	<0.000014	No	<0.000014	No	0.000023	No
9030286-MS11	07/22/15	11	1.226	1410	1729.16	0.200	No	<0.000014	No	0.000100	No	0.000082	No
9030287-MS13	07/22/15	13	1.226	1436	1761.57	0.086	No	<0.000014	No	0.00053	No	0.000028	No
9030288-MS11	07/27/15	11	1.230	1477	1817.68	0.088	No	<0.000014	No	0.000022	No	0.000042	No
9030289-MS13	07/27/15	13	1.232	1492	1836.94	0.079	No	<0.000014	No	<0.000014	No	0.000036	No
9030291-MS11	07/28/15	11	1.233	1366	1684.42	0.086	No	<0.000015	No	0.000034	No	0.000050	No
9030290-MS13	07/28/15	13	1.235	1374	1696.21	0.056	No	<0.000015	No	<0.000015	No	0.000024 J	No
9030292-MS11	07/29/15	11	1.232	1405	1730.42	0.055	No	<0.000014	No	0.000030	No	0.000031	No
9030293-MS13	07/29/15	13	1.230	1428	1756.18	0.068	No	<0.000014	No	0.000015 J	No	0.000043	No
9030294-MS11	07/30/15	11	1.226	1336	1637.30	0.030	No	<0.000015	No	0.000018	No	0.000015	No
9030295-MS13	07/30/15	13	1.225	1288	1576.77	0.059	No	<0.000016	No	<0.000016	No	0.000037	No
9030296-MS11	08/03/15	11	1.230	1398	1720	0.029	No	<0.000015	No	<0.000015	No	<0.000015	No
9030297-MS13	08/03/15	13	1.228	1400	1719.65	0.120	No	<0.000015	No	<0.000015	No	0.000071	No
9030298-MS11	08/04/15	11	1.231	1447	1781.05	0.019	No	<0.000014	No	<0.000014	No	<0.000014	No
9030299-MS13	08/04/15	13	1.229	1450	1782.60	0.031	No	<0.000014	No	<0.000014	No	0.000015	No
9105801-MS11	08/05/15	11	1.232	1418	1746.86	0.046	No	<0.000014	No	<0.000014	No	<0.000014	No
9030300-MS13	08/05/15	13	1.228	1431	1756.21	0.069	No	<0.000014	No	<0.000014	No	0.000026	No
9105802-MS11 ²	08/06/15	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9105803-MS13	08/06/15	13	1.225	1407	1724.07	0.110	No	<0.000015	No	<0.000015	No	0.000049	No
9105805-MS11	08/10/15	11	1.228	1397	1715.48	0.017	No	<0.000015	No	<0.000015	No	<0.000015	No
9105804-MS13	08/10/15	13	1.227	1421	1742.62	0.036	No	<0.000014	No	<0.000014	No	0.000019 J	No

Table 4

Total Suspended Particulates, Arsenic, Manganese, and Lead Monitoring ResultsCal-OSHA Permissible Exposure Limits: TSP - 0.5 mg/m³; Arsenic - 0.010 mg/m³; Manganese - 0.2 mg/m³; Lead - 0.05 mg/m³

Sample, Date and Station Information			Sampler Run Information			Total Suspended Particulates		Arsenic		Lead		Manganese	
Sample ID	Sample Start Date ¹	Monitoring Station	Ave Flow Rate (l/min)	Duration of Run (min)	Total Air Volume Monitored (m ³)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)
9105806-MS11	08/11/15	11	1.228	1417	1739.45	0.042	No	<0.000014	No	0.000016	No	0.000021 J	No
9105807-MS13	08/11/15	13	1.226	1385	1756.74	0.027	No	<0.000014	No	<0.000014	No	<0.000014	No
9105809-MS11	08/12/15	11	1.229	1433	1761.87	0.027	No	<0.000014	No	<0.000014	No	<0.000014	No
9105808-MS13	08/12/15	13	1.227	1432	1756.33	0.031	No	<0.000014	No	<0.000014	No	0.000016 J	No
9105810-MS11	08/13/15	11	1.227	1366	1676.93	0.020	No	<0.000015	No	<0.000015	No	<0.000015	No
9105811-MS13	08/13/15	13	1.227	1326	1627.40	0.038	No	<0.000015	No	<0.000015	No	0.000024	No
9105812-MS11	08/17/15	11	1.227	1406	1725.89	0.057	No	<0.000014	No	<0.000014	No	0.000021	No
9105813-MS13	08/17/15	13	1.226	1406	1723.82	0.072	No	<0.000015	No	<0.000015	No	0.000030	No
9105814-MS11	08/18/15	11	1.227	1442	1771.17	0.046	No	<0.000014	No	<0.000014	No	<0.000014	No
9105815-MS13	08/18/15	13	1.229	1453	1784.71	0.077	No	<0.000014	No	<0.000014	No	0.000038	No
9105856-MS11	08/19/15	11	1.229	1409	1731.58	0.030	No	<0.000014	No	<0.000014	No	<0.000014	No
9105857-MS13	08/19/15	13	1.225	1351	1653.96	0.061	No	<0.000015	No	0.000037	No	0.000029	No
9105858-MS11	08/20/15	11	1.226	1332	1633.02	0.025	No	<0.000015	No	<0.000015	No	<0.000015	No
9105859-MS13	08/20/15	13	1.225	1330	1629.90	0.049	No	<0.000015	No	<0.000015	No	0.000030	No
9105861-MS11	08/24/15	11	1.226	1427	1749.12	0.042	No	<0.000014	No	<0.000014	No	<0.000014	No
9105860-MS13	08/24/15	13	1.225	1437	1759.74	0.072	No	<0.000014	No	<0.000014	No	<0.000014	No
9105862-MS11	08/25/15	11	1.227	1411	1730.85	0.037	No	<0.000014	No	<0.000014	No	<0.000014	No
9105863-MS13	08/25/15	13	1.226	1416	1736.30	0.056	No	<0.000014	No	<0.000014	No	0.000023	No
9105865-MS11	08/26/15	11	1.229	1434	1762.47	0.067	No	<0.000014	No	0.00013	No	0.000029	No
9105864-MS13	08/26/15	13	1.228	1443	1772.60	0.065	No	<0.000014	No	<0.000014	No	0.000028	No
9105867-MS11	08/27/15	11	1.231	1361	1676.50	0.053	No	<0.000015	No	0.000039	No	0.000030	No
9105866-MS13	08/27/15	13	1.230	1318	1620.77	0.073	No	<0.000015	No	<0.000015	No	0.000048	No
9105868-MS11	08/28/15	11	1.228	1408	1729.44	0.064	No	<0.000014	No	<0.000014	No	0.000026	No
9105869-MS13	08/28/15	13	1.226	1392	1707.03	0.100	No	<0.000015	No	<0.000015	No	0.000055	No
9105870-MS11	09/01/15	11	1.226	1455	1783.38	0.042	No	<0.000014	No	<0.000014	No	0.000018	No
9105871-MS13	09/01/15	13	1.225	1472	1803.52	0.064	No	<0.000014	No	<0.000014	No	0.000036	No
9105876-MS11	09/02/15	11	1.225	1420	1737.71	0.045	No	<0.000014	No	0.000050	No	0.000025	No
9105877-MS13	09/02/15	13	1.224	1376	1685.13	0.055	No	<0.000015	No	<0.000015	No	0.000025	No
9105873-MS11	09/03/15	11	1.222	1316	1607.79	0.046	No	<0.000016	No	0.000022	No	<0.000016	No
9105872-MS13	09/03/15	13	1.222	1330	1624.98	0.070	No	<0.000015	No	<0.000015	No	0.000026	No
9105874-MS11	09/08/15	11	1.235	1534	1745.44	0.070	No	<0.000014	No	0.000028	No	0.000037	No
9105875-MS13	09/08/15	13	1.233	1422	1753.94	0.092	No	<0.000014	No	0.000024	No	0.000062	No
9105878-MS11	09/09/15	11	1.236	1412	1745.16	0.051	No	<0.000014	No	0.000019	No	0.000026	No
9105879-MS13	09/09/15	13	1.235	1422	1756.61	0.099	No	<0.000014	No	0.000019	No	0.000067	No
9105880-MS11	09/10/15	11	1.229	1667	2049.88	0.034	No	<0.000012	No	0.000015	No	0.000022	No
9105881-MS13	09/10/15	13	1.229	1667	2048.36	0.075	No	<0.000012	No	0.000014	No	0.000053	No
9105882-MS11	09/14/15	11	1.226	1437	1762.08	0.011	No	<0.000014	No	0.000015	No	0.000019	No
9105883-MS13	09/14/15	13	1.226	1442	1767.79	0.023	No	<0.000014	No	<0.000014	No	<0.000014	No
9105884-MS11	09/15/15	11	1.225	1423	1742.83	0.043	No	<0.000014	No	<0.000014	No	0.000019	No
9105885-MS13	09/15/15	13	1.225	1429	1751.20	0.065	No	<0.000014	No	<0.000014	No	0.000042	No
9105887-MS11	09/16/15	11	1.228	1401	1720.24	0.037	No	<0.000015	No	0.000019	No	0.000020	No
9105886-MS13	09/16/15	13	1.227	1416	1737.04	0.020	No	<0.000014	No	<0.000014	No	<0.000014	No
9105888-MS11	09/17/15	11	1.228	1373	1686.29	0.028	No	<0.000015	No	<0.000015	No	<0.000015	No
9105889-MS13	09/17/15	13	1.227	1369	1681.49	0.035	No	<0.000015	No	<0.000015	No	0.000016 J	No
9105890-MS11 ²	09/21/15	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9105891-MS13	09/21/15	13	1.225	1412	1729.89	0.071	No	<0.000014	No	<0.000014	No	0.000020	No
9105892-MS11	09/22/15	11	1.231	1411	1737.07	0.054	No	<0.000014	No	<0.000014	No	<0.000014	No

Table 4

Total Suspended Particulates, Arsenic, Manganese, and Lead Monitoring ResultsCal-OSHA Permissible Exposure Limits: TSP - 0.5 mg/m³; Arsenic - 0.010 mg/m³; Manganese - 0.2 mg/m³; Lead - 0.05 mg/m³

Sample, Date and Station Information			Sampler Run Information			Total Suspended Particulates		Arsenic		Lead		Manganese	
Sample ID	Sample Start Date ¹	Monitoring Station	Ave Flow Rate (l/min)	Duration of Run (min)	Total Air Volume Monitored (m ³)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)
9105893-MS13	09/22/15	13	1.230	1439	1770.65	0.064	No	<0.000014	No	<0.000014	No	<0.000014	No
9105894-MS11 ²	09/23/15	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9105895-MS13	09/23/15	13	1.223	1435	1754.17	0.045	No	<0.000014	No	<0.000014	No	0.000020	No
9105897-MS11	09/24/15	11	1.233	1390	1713.96	0.044	No	<0.000015	No	0.000017	No	0.000023	No
9105896-MS13	09/24/15	13	1.230	1429	1757.29	0.050	No	<0.000014	No	<0.000014	No	0.000034	No
9105898-MS11	09/25/15	11	1.228	1379	1693.77	0.034	No	<0.000015	No	<0.000015	No	0.000018	No
9105899-MS13	09/25/15	13	1.225	1386	1698.48	0.038	No	<0.000015	No	<0.000015	No	0.000018	No
9105900-MS11	09/28/15	11	1.229	1410	1732.50	0.039	No	<0.000014	No	<0.000014	No	0.000015	No
9106601-MS13	09/28/15	13	1.228	1414	1735.31	0.047	No	<0.000014	No	<0.000014	No	0.000014	No
9106602-MS11	09/29/15	11	1.226	1432	1754.92	0.047	No	<0.000014	No	0.000028	No	0.000018	No
9106603-MS13	09/29/15	13	1.229	1436	1768.27	0.049	No	<0.000014	No	<0.000014	No	0.000020	No
9106604-MS11	10/05/15	11	1.231	1420	1748.92	0.052	No	<0.000014	No	<0.000014	No	0.000025	No
9106605-MS13	10/05/15	13	1.236	1437	1761.97	0.064	No	<0.000014	No	<0.000014	No	0.000029	No
9106606-MS11	10/06/15	11	1.229	1397	1716.34	0.039	No	<0.000015	No	0.00002	No	0.000017	No
9106607-MS13	10/06/15	13	1.226	1438	1762.45	0.048	No	<0.000014	No	<0.000014	No	0.000023	No
9106608-MS11	10/07/15	11	1.225	1088	1332.25	0.065	No	<0.000019	No	0.000021	No	0.000029	No
9106609-MS13	10/07/15	13	1.223	1417	1731.91	0.059	No	<0.000014	No	<0.000014	No	0.000027	No
9106610-MS11	10/08/15	11	1.229	1453	1786.66	0.044	No	<0.000014	No	<0.000014	No	0.000017	No
9106611-MS13	10/08/15	13	1.227	1418	1739.63	0.051	No	<0.000014	No	<0.000014	No	0.000023	No
9106612-MS11	10/13/15	11	1.234	1748	1741.74	0.054	No	<0.000014	No	0.000036	No	0.000028	No
9106613-MS13	10/13/15	13	1.230	1753	1753.40	0.062	No	<0.000014	No	0.000053	No	0.000034	No
9106614-MS11	10/14/15	11	1.234	1752	1752.24	0.036	No	<0.000014	No	0.000014	No	0.000021	No
9106615-MS13	10/14/15	13	1.233	1750	1750.14	0.035	No	<0.000014	No	<0.000014	No	0.000024	No
9106616-MS11	10/15/15	11	1.229	1467	1803.58	0.028	No	<0.000014	No	<0.000014	No	0.000014	No
9106617-MS13	10/15/15	13	1.225	1438	1761.72	0.038	No	<0.000014	No	<0.000014	No	0.000022	No
9106618-MS11	10/16/15	11	1.231	1428	1758.44	0.023	No	<0.000015	No	<0.000014	No	<0.000014	No
9106619-MS13	10/16/15	13	1.226	1403	1720.42	0.056	No	<0.000014	No	0.000019	No	0.000033	No
9106620-MS11	10/19/15	11	1.226	1416	1739.75	0.028	No	<0.000014	No	<0.000014	No	0.000015	No
9106621-MS13	10/19/15	13	1.226	1424	1745.81	0.040	No	<0.000014	No	<0.000014	No	<0.000014	No
9106622-MS11	10/20/15	11	1.230	1430	1759.31	0.037	No	<0.000014	No	0.000016	No	<0.000014	No
9106623-MS13	10/20/15	13	1.228	1432	1748.37	0.055	No	<0.000014	No	0.000052	No	0.000021	No
9106624-MS11	10/21/15	11	1.231	1433	1764.09	0.053	No	<0.000014	No	0.000022	No	0.000023	No
9106625-MS13	10/21/15	13	1.229	1447	1778.44	0.051	No	<0.000014	No	<0.000014	No	0.000020	No
9106627-MS11	10/22/15	11	1.230	1375	1691.93	0.052	No	<0.000015	No	0.000031	No	0.000020	No
9106626-MS13	10/22/15	13	1.228	1345	1651.23	0.059	No	<0.000015	No	0.000017	No	0.000025	No
9106629-MS11	10/26/15	11	1.231	1419	1746.61	0.030	No	<0.000014	No	<0.000014	No	0.000016	No
9106628-MS13	10/26/15	13	1.229	1435	1764.19	0.049	No	<0.000014	No	<0.000014	No	0.000025	No
9106630-MS11	10/27/15	11	1.228	1415	1737.98	0.043	No	<0.000014	No	0.000023	No	0.000023	No
9106631-MS13 ²	10/27/15	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9106633-MS11	10/29/15	11	1.230	1415	1741.31	0.044	No	<0.000014	No	<0.000014	No	0.000020	No
9106632-MS13	10/29/15	13	1.232	1445	1781.15	0.070	No	<0.000014	No	0.000014	No	0.000037	No
9106635-MS11	11/03/15	11	1.223	1431	1750.74	0.027	No	<0.000014	No	<0.000014	No	<0.000014	No
9106634-MS13	11/03/15	13	1.224	1405	1718.71	0.035	No	<0.000015	No	<0.000015	No	<0.000015	No
9106636-MS11	11/04/15	11	1.223	1418	1733.71	0.034	No	<0.000014	No	<0.000014	No	0.000015	No
9106637-MS13	11/04/15	13	1.222	1430	1746.99	0.044	No	<0.000014	No	<0.000014	No	0.000020	No
9106638-MS11	11/05/15	11	1.224	1440	1762.91	0.028	No	<0.000014	No	<0.000014	No	<0.000014	No
9106639-MS13	11/05/15	13	1.224	1454	1779.10	0.043	No	<0.000014	No	<0.000014	No	0.000018	No

Table 4

Total Suspended Particulates, Arsenic, Manganese, and Lead Monitoring ResultsCal-Osha Permissible Exposure Limits: TSP - 0.5 mg/m³; Arsenic - 0.010 mg/m³; Manganese - 0.2 mg/m³; Lead - 0.05 mg/m³

Sample, Date and Station Information			Sampler Run Information			Total Suspended Particulates		Arsenic		Lead		Manganese	
Sample ID	Sample Start Date ¹	Monitoring Station	Ave Flow Rate (l/min)	Duration of Run (min)	Total Air Volume Monitored (m ³)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)
9106640-MS11	11/06/15	11	1.222	1412	1725.09	0.020	No	<0.000014	No	<0.000014	No	<0.000014	No
9106641-MS13	11/06/15	13	1.222	1390	1845.36	0.031	No	<0.000014	No	<0.000014	No	0.000018	No
9106642-MS11	11/10/15	11	1.222	1446	1803.70	0.025	No	<0.000014	No	<0.000014	No	<0.000014	No
9106643-MS13	11/10/15	13	1.218	1502	1829.81	0.034	No	<0.000014	No	<0.000014	No	<0.000014	No
9106644-MS11	11/11/15	11	1.221	1369	1671.21	0.033	No	<0.000015	No	<0.000015	No	0.000022	No
9106645-MS13	11/11/15	13	1.221	1360	1660.02	0.042	No	<0.000015	No	<0.000015	No	<0.000015	No
9106646-MS11	11/16/15	11	1.219	1427	1739.58	0.024	No	<0.000014	No	<0.000014	No	<0.000014	No
9106647-MS13	11/16/15	13	1.219	1436	1750.10	0.022	No	<0.000014	No	<0.000014	No	<0.000014	No
9106648-MS11	11/17/15	11	1.221	1454	1775.50	0.023	No	<0.000014	No	<0.000014	No	<0.000014	No
9106649-MS13	11/17/15	13	1.222	1463	1787.96	0.037	No	<0.000014	No	<0.000014	No	0.000017	No
9106658-MS11	11/18/15	11	1.227	1398	1714.68	0.036	No	<0.000015	No	<0.000015	No	0.000020	No
9106657-MS13	11/18/15	13	1.227	1403	1721.55	0.031	No	<0.000015	No	<0.000015	No	<0.000015	No
9106651-MS11	11/19/15	11	1.223	1416	1735.22	0.027	No	<0.000014	No	<0.000014	No	0.000015	No
9106650-MS13	11/19/15	13	1.226	1411	1729.39	0.036	No	<0.000014	No	<0.000014	No	0.000027	No
9106652-MS11	11/23/15	11	1.216	1449	1761.99	0.012	No	<0.000014	No	<0.000014	No	<0.000014	No
9106653-MS13	11/23/15	13	1.216	1411	1641.71	0.020	No	<0.000015	No	<0.000015	No	<0.000015	No
9106654-MS11	11/30/15	11	1.213	1429	1734.05	0.027	No	<0.000014	No	<0.000014	No	<0.000014	No
9106655-MS13	11/30/15	13	1.216	1394	1694.53	0.029	No	<0.000015	No	<0.000015	No	<0.000015	No
9106659-MS11	12/01/15	11	1.218	1430	1742.15	0.036	No	<0.000014	No	0.000034	No	0.000029	No
9106656-MS13	12/01/15	13	1.218	1477	1799.17	0.043	No	<0.000014	No	0.000020	No	0.000041	No
9106660-MS11	12/02/15	11	1.216	1465	1781.09	0.069	No	<0.000014	No	0.000028	No	0.000032	No
9106661-MS13	12/02/15	13	1.221	1478	1803.71	0.057	No	<0.000014	No	<0.000014	No	0.000028	No
9106662-MS11	12/07/15	11	1.224	1456	1782.57	0.023	No	<0.000014	No	<0.000014	No	<0.000014	No
9106663-MS13	12/07/15	13	1.225	1464	1793.10	0.024	No	<0.000014	No	0.000016	No	<0.000014	No
9106664-MS11 ²	12/08/15	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9106665-MS13	12/08/15	13	1.224	1506	1843.34	0.018	No	<0.000014	No	<0.000014	No	<0.000014	No
9106666-MS11	12/09/15	11	1.231	1400	1722.54	0.0074	No	<0.000015	No	<0.000015	No	<0.000015	No
9106667-MS13 ³	12/09/15	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9106668-MS11	12/15/15	11	1.216	1474.80	1793.22	0.022	No	<0.000014	No	<0.000014	No	0.000014 J	No
9106670-MS13	12/15/15	13	1.215	1485.60	1805.15	0.039	No	<0.000014	No	<0.000014	No	0.000027	No
9106669-MS11	12/16/15	11	1.215	1451.40	1763.22	0.029	No	<0.000014	No	<0.000014	No	<0.000014	No
9106671-MS13	12/16/15	13	1.216	1483.20	1803.07	0.037	No	<0.000014	No	<0.000014	No	0.000020	No
9106672-MS11	12/17/15	11	1.214	1408.20	1710.24	0.019	No	<0.000015	No	<0.000015	No	<0.000015	No
9106673-MS13	12/17/15	13	1.214	1413.60	1716.59	0.026	No	<0.000015	No	<0.000015	No	<0.000015	No
9106676-MS11	01/27/16	11	1.222	1406.40	1718.45	0.035	No	<0.000015	No	<0.000015	No	<0.000015	No
9106677-MS13	01/27/16	13	1.224	1426.80	1746.65	0.044	No	<0.000014	No	<0.000014	No	0.000022	No
9106674-MS11	01/28/16	11	1.225	1423.80	1744.80	0.028	No	<0.000014	No	<0.000014	No	<0.000014	No
9106675-MS13	01/28/16	13	1.222	1422.00	1739.47	0.038	No	<0.000014	No	<0.000014	No	0.000015 J	No
9106678-MS11	02/01/16	11	1.216	1446.00	1759.02	0.040	No	<0.000014	No	<0.000014	No	<0.000014	No
9106679-MS13	02/01/16	13	1.215	1488.00	1755.45	0.023	No	<0.000014	No	<0.000014	No	<0.000014	No
9106680-MS11	02/03/16	11	1.216	1444.80	1756.63	0.019	No	<0.000014	No	<0.000014	No	<0.000014	No
9106681-MS13 ²	02/03/16	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9106683-MS11	02/04/16	11	1.217	1326.60	1614.49	0.016	No	<0.000015	No	<0.000015	No	<0.000015	No
9106682-MS13	02/04/16	13	1.215	1385.40	1683.58	0.022	No	<0.000015	No	<0.000015	No	0.000018	No
9106684-MS11	02/08/16	11	1.226	1368.60	1677.84	0.027	No	<0.000015	No	<0.000015	No	<0.000015	No
9106685-MS13	02/08/16	13	1.224	1432.80	1754.43	0.051	No	<0.000014	No	<0.000014	No	0.000033	No
9106686-MS11	02/09/16	11	1.223	1416.00	1731.68	0.051	No	<0.000014	No	<0.000014	No	0.000026	No

Table 4

Total Suspended Particulates, Arsenic, Manganese, and Lead Monitoring ResultsCal-OSHA Permissible Exposure Limits: TSP - 0.5 mg/m³; Arsenic - 0.010 mg/m³; Manganese - 0.2 mg/m³; Lead - 0.05 mg/m³

Sample, Date and Station Information			Sampler Run Information			Total Suspended Particulates		Arsenic		Lead		Manganese	
Sample ID	Sample Start Date ¹	Monitoring Station	Ave Flow Rate (l/min)	Duration of Run (min)	Total Air Volume Monitored (m ³)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)
9106687-MS13	02/09/16	13	1.223	1395.60	1706.98	0.062	No	<0.000015	No	<0.000015	No	0.000033	No
9106689-MS11	02/10/16	11	1.226	1411.80	1731.49	0.047	No	<0.000014	No	<0.000014	No	0.000024	No
9106688-MS13	02/10/16	13	1.226	1410.60	1728.81	0.068	No	<0.000014	No	0.000015	No	0.000041	No
9106690-MS11	02/11/16	11	1.219	1435.80	1250.18	0.064	No	<0.000020	No	<0.000020	No	0.000029	No
9106691-MS13	02/11/16	13	1.207	1412.40	1705.15	0.059	No	<0.000015	No	<0.000015	No	0.000030	No
9106692-MS11	02/15/16	11	1.228	1393.80	1712.03	0.037	No	<0.000015	No	<0.000015	No	0.000019	No
9106693-MS13	02/15/16	13	1.226	1426.20	1748.77	0.050	No	<0.000014	No	<0.000014	No	0.000030	No
9106694-MS11	02/16/16	11	1.231	1441.20	1773.59	0.067	No	<0.000014	No	<0.000014	No	0.000030	No
9106695-MS13	02/16/16	13	1.229	1428.00	1754.75	0.075	No	<0.000014	No	0.000016	No	0.000038	No
9106699-MS11	02/22/16	11	1.226	1349.40	1654.38	0.074	No	<0.000015	No	0.000027	No	0.000035	No
9106698-MS13	02/22/16	13	1.223	1425.60	1743.59	0.042	No	<0.000014	No	<0.000014	No	0.000029	No
9106696-MS11	02/23/16	11	1.227	1368.00	1678.27	0.036	No	<0.000015	No	<0.000015	No	0.000018	No
9106697-MS13	02/23/16	13	1.225	1396.20	1710.12	0.043	No	<0.000015	No	<0.000015	No	0.000027	No
9106700-MS11	02/24/16	11	1.226	1425.00	1747.54	0.070	No	<0.000014	No	0.000021	No	0.000036	No
9212302-MS13	02/24/16	13	1.217	1402.80	1706.62	0.066	No	<0.000015	No	<0.000015	No	0.000032	No
9212303-MS11	02/25/16	11	1.215	1411.80	1714.97	0.049	No	<0.000015	No	<0.000015	No	0.000017	No
9212301-MS13	02/25/16	13	1.215	1410.00	1712.58	0.051	No	<0.000015	No	0.000018	No	0.000019	No
9212324-MS11	02/29/16	11	1.218	1379.40	1679.74	0.038	No	<0.000015	No	<0.000015	No	<0.000015	No
9212325-MS13	02/29/16	13	1.215	1416.00	1719.91	0.053	No	<0.000015	No	<0.000015	No	0.000022	No
9212326-MS11	03/01/16	11	1.216	1429.20	1665.20	0.034	No	<0.000015	No	0.000018	No	0.000020	No
9212327-MS13	03/01/16	13	1.219	1429.80	1743.18	0.030	No	<0.000014	No	<0.000014	No	0.000015 J	No
9212328-MS11	03/02/16	11	1.219	1431.00	1744.14	0.026	No	<0.000014	No	<0.000014	No	<0.000014	No
9212329-MS13	03/02/16	13	1.218	1434.60	1747.14	0.031	No	<0.000014	No	<0.000014	No	0.000015 J	No
9212330-MS11	03/08/16	11	1.211	1372.80	1662.44	0.017	No	<0.000015	No	<0.000015	No	<0.000015	No
9212331-MS13	03/08/16	13	1.210	1403.40	1698.60	0.017	No	<0.000015	No	<0.000015	No	0.000016	No
9212333-MS11	03/15/16	11	1.212	1431.00	1734.90	0.043	No	<0.000014	No	0.000028	No	<0.000014	No
9212332-MS13	03/15/16	13	1.211	1443.60	1748.78	0.056	No	<0.000014	No	0.000026	No	0.000025	No
9212334-MS11	03/16/16	11	1.215	1412.40	1715.47	0.043	No	<0.000015	No	<0.000015	No	0.000015 J	No
9212335-MS13	03/16/16	13	1.215	1425.00	1731.75	0.043	No	<0.000014	No	<0.000014	No	0.000021	No
9212336-MS11	03/17/16	11	1.215	1386.00	1683.95	0.044	No	<0.000015	No	0.000016	No	0.000019 J	No
9212337-MS13	03/17/16	13	1.215	1411.20	1716.38	0.051	No	<0.000015	No	<0.000015	No	0.000026	No
9212338-MS11	03/21/16	11	1.214	1417.20	1720.09	0.022	No	<0.000015	No	<0.000015	No	<0.000015	No
9212339-MS13	03/21/16	13	1.213	1428.00	1732.29	0.018	No	<0.000014	No	<0.000014	No	<0.000014	No
9212340-MS11	03/22/16	11	1.212	1370.40	1660.75	0.018	No	<0.000015	No	<0.000015	No	<0.000015	No
9212341-MS13	03/22/16	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9212342-MS11	03/23/16	11	1.618	1407.00	1714.30	0.039	No	<0.000015	No	<0.000015	No	<0.000015	No
9212343-MS13	03/23/16	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9212344-MS11	03/24/16	11	1.219	1396.80	1703.02	0.039	No	<0.000015	No	<0.000015	No	<0.000015	No
9212345-MS13	03/24/16	13	1.218	1422.60	1733.33	0.050	No	<0.000014	No	<0.000014	No	0.000021 J	No
9212354-MS11	03/28/16	11	1.217	1414.80	1721.76	0.036	No	<0.000015	No	<0.000015	No	<0.000015	No
9212355-MS13	03/28/16	13	1.215	1414.80	1719.69	0.040	No	<0.000015	No	<0.000015	No	0.000016 J	No
9212352-MS11	03/29/16	11	1.216	1740.69	1740.69	0.033	No	<0.000014	No	<0.000014	No	<0.000014	No
9212353-MS13	03/29/16	13	1.216	1444.20	1755.60	0.035	No	<0.000014	No	<0.000014	No	0.000016 J	No
9212347-MS11	03/30/16	11	1.218	1420.20	1729.12	0.081	No	<0.000014	No	0.000048	No	0.000037	No
9212346-MS13	03/30/16	13	1.217	1421.40	1729.20	0.046	No	<0.000014	No	<0.000014	No	0.00002 J	No
9212348-MS11	03/31/16	11	1.218	1446.00	1761.54	0.086	No	<0.000014	No	0.000053	No	0.000037	No
9212349-MS13	03/31/16	13	1.216	1426.80	1735.12	0.041	No	<0.000014	No	<0.000014	No	0.000016	No

Table 4

Total Suspended Particulates, Arsenic, Manganese, and Lead Monitoring ResultsCal-OSHA Permissible Exposure Limits: TSP - 0.5 mg/m³; Arsenic - 0.010 mg/m³; Manganese - 0.2 mg/m³; Lead - 0.05 mg/m³

Sample, Date and Station Information			Sampler Run Information			Total Suspended Particulates		Arsenic		Lead		Manganese	
Sample ID	Sample Start Date ¹	Monitoring Station	Ave Flow Rate (l/min)	Duration of Run (min)	Total Air Volume Monitored (m ³)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)
9212350-MS11	04/04/16	11	1.224	1430.40	1750.31	0.072	No	<0.000014	No	0.000071	No	0.000032	No
9212351-MS13	04/04/16	13	1.221	1440.00	1758.75	0.069	No	<0.000014	No	0.000037	No	0.000025	No
9212357-MS11	04/05/16	11	1.230	1435.80	1766.69	0.059	No	<0.000014	No	0.000028	No	0.000030	No
9212356-MS13	04/05/16	13	1.227	1471.80	1806.12	0.049	No	<0.000014	No	<0.000014	No	0.000023	No
9212358-MS11	04/06/16	11	1.231	1500.00	1846.21	0.061	No	<0.000014	No	0.000026	No	0.000030	No
9212359-MS13	04/06/16	13	1.226	1477.20	1811.28	0.054	No	<0.000014	No	<0.000014	No	0.000029	No
9212360-MS11	04/20/16	11	1.228	1430.40	1756.39	0.034	No	<0.000014	No	<0.000014	No	0.000017	No
9212361-MS13	04/20/16	13	1.225	1434.60	1757.75	0.043	No	<0.000014	No	<0.000014	No	0.000024	No
9212363-MS11	04/25/16	11	1.220	1395.60	1702.36	0.041	No	<0.000015	No	<0.000015	No	<0.000015	No
9212362-MS13	04/25/16	13	1.216	1428.00	1749.85	0.048	No	<0.000014	No	<0.000014	No	<0.000014	No
9212364-MS11	04/26/16	11	1.218	1406.40	1712.32	0.039	No	<0.000015	No	<0.000015	No	0.000016	No
9212365-MS13	04/26/16	13	1.215	1420.80	1726.13	0.049	No	<0.000014	No	<0.000014	No	0.000023	No
9212366-MS11	05/03/16	11	1.217	1497.00	1821.68	0.042	No	<0.000013	No	0.000015	No	0.000017	No
9212367-MS14	05/03/16	13	1.211	1414.20	1713.00	0.053	No	<0.000015	No	<0.000015	No	0.000022	No
9212368-MS11	05/04/16	11	1.216	1417.20	1723.05	0.036	No	<0.000015	No	0.000017	No	0.000016	No
9212369-MS14	05/04/16	13	1.217	1407.60	1713.05	0.041	No	<0.000015	No	<0.000015	No	0.000016	No
9212377-MS09	05/12/16	9	1.220	1461.00	1782.33	0.082	No	<0.000014	No	0.000030	No	0.000054	No
9212376-MS14	05/12/16	14	1.217	1434.60	1746.13	0.040	No	<0.000014	No	<0.000014	No	0.000021	No
9212379-MS09	05/16/16	9	1.222	1396.80	1706.66	0.11	No	<0.000015	No	0.000048	No	0.000068	No
9212378-MS14	05/16/16	14	1.223	1440.00	1760.95	0.063	No	<0.000014	No	<0.000014	No	0.000027	No
9212380-MS09	05/17/16	9	1.220	1414.80	1726.07	0.068	No	<0.000014	No	0.000019	No	0.000033	No
9212381-MS14	05/18/16	14	1.222	1417.80	1732.13	0.053	No	<0.000014	No	<0.000014	No	0.000019	No
9212383-MS09	05/18/16	9	1.214	1474.20	1785.25	0.130	No	<0.000019	No	0.000049	No	0.000064	No
9212382-MS14	05/18/16	14	1.216	1435.80	1746.61	0.059	No	<0.000014	No	<0.000014	No	0.000020	No
9212384-MS09	05/19/16	9	1.226	1406.40	1724.61	0.16	No	<0.000014	No	0.000032	No	0.000080	No
9212385-MS14	05/19/16	14	1.228	1450.80	1781.48	0.092	No	<0.000014	No	0.000023	No	0.000046	No
9212386-MS09	05/23/16	9	1.209	1411.80	1706.34	0.047	No	<0.000015	No	<0.000015	No	0.000034	No
9212387-MS14	05/23/16	14	1.218	1390.20	1737.49	0.022	No	<0.000014	No	0.000050	No	<0.000014	No
9212388-MS09	05/24/16	9	1.217	1430.40	1740.41	0.037	No	<0.000014	No	0.000018	No	0.000030	No
9212389-MS14	05/24/16	14	1.220	1430.40	1744.93	0.018	No	<0.000014	No	<0.000014	No	<0.000014	No
9212390-MS09	05/25/16	9	1.216	1435.20	1745.59	0.043	No	<0.000014	No	0.000025	No	0.000025	No
9212391-MS14	05/25/16	14	1.217	1441.20	1754.09	0.038	No	<0.000014	No	<0.000014	No	0.000019	No
9212393-MS09	05/26/16	9	1.216	1340.40	1630.41	0.053	No	<0.000015	No	0.000017	No	0.000018 J	No
9212392-MS14	05/26/16	14	1.223	1341.60	1640.16	0.060	No	<0.000015	No	<0.000015	No	0.000020 J	No
9212394-MS09	05/31/16	9	1.218	1444.20	1759.00	0.028	No	<0.000014	No	<0.000014	No	0.000015 J	No
9212395-MS14	05/31/16	14	1.222	1431.60	1749.67	0.029	No	<0.000014	No	<0.000014	No	0.000016 J	No
9212396-MS09	06/01/16	9	1.218	1408.80	1715.67	0.056	No	<0.000015	No	<0.000015	No	0.000040 J	No
9212397-MS14	06/01/16	14	1.222	1414	1728.17	0.041	No	<0.000014	No	0.000018	No	0.000023 J	No
9212398-MS09	06/02/16	9	1.225	1453.80	1780.86	0.030	No	<0.000014	No	<0.000014	No	0.000014	No
9212399-MS14	06/02/16	14	1.228	1428.00	1753.59	0.031	No	<0.000014	No	<0.000014	No	<0.000014	No
9031001-MS09	06/06/16	9	1.221	1396.80	1706.13	0.022	No	<0.000015	No	<0.000015	No	<0.000015	No
9212400-MS14	06/06/16	14	1.220	1417.20	1729.20	0.015	No	<0.000014	No	<0.000014	No	<0.000014	No
9031002-MS09	06/07/16	9	1.222	1417.20	1732.39	0.021	No	<0.000014	No	<0.000014	No	<0.000014	No
9031003-MS14	06/07/16	14	1.224	1423.20	1742.60	0.029	No	<0.000014	No	<0.000014	No	0.000017 J	No
9031004-MS09	06/08/16	9	1.220	1431.00	1745.33	0.046	No	<0.000014	No	0.000037	No	0.000037 J	No
9031005-MS14	06/08/16	14	1.225	1436.40	1759.75	0.031	No	<0.000014	No	<0.000014	No	0.000018 J	No
9031006-MS09	06/09/16	9	1.222	1398.00	1708.58	0.044	No	<0.000015	No	<0.000015	No	0.000020	No

Table 4

Total Suspended Particulates, Arsenic, Manganese, and Lead Monitoring ResultsCal-Osha Permissible Exposure Limits: TSP - 0.5 mg/m³; Arsenic - 0.010 mg/m³; Manganese - 0.2 mg/m³; Lead - 0.05 mg/m³

Sample, Date and Station Information			Sampler Run Information			Total Suspended Particulates		Arsenic		Lead		Manganese	
Sample ID	Sample Start Date ¹	Monitoring Station	Ave Flow Rate (l/min)	Duration of Run (min)	Total Air Volume Monitored (m ³)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)
9031007-MS14	06/09/16	14	1.225	1375.20	1684.87	0.039	No	<0.000015	No	<0.000015	No	0.000018	No
9031008-MS09	06/13/16	9	1.221	1424.40	1739.74	0.14	No	<0.000014	No	0.000021	No	0.000078	No
9031009-MS14	06/13/16	14	1.226	1408.80	1726.79	0.093	No	<0.000014	No	0.000019	No	0.000059	No
9031010-MS09	06/14/16	9	1.219	1426.80	1739.85	0.18	No	<0.000014	No	0.000078	No	0.000094	No
9031011-MS14	06/14/16	14	1.224	1435.20	1756.56	0.071	No	<0.000014	No	0.000016	No	0.000034	No
9031012-MS09	06/15/16	9	1.221	1432.80	1749.62	0.045	No	<0.000014	No	0.000018	No	0.000029	No
9031013-MS14	06/15/16	14	1.223	1430.40	1749.80	0.027	No	<0.000014	No	<0.000014	No	<0.000014	No
9031014-MS09	06/20/16	9	1.223	1438.20	1760.25	0.11	No	<0.000014	No	0.000048	No	0.000062	No
9031015-MS14	06/20/16	14	1.229	1506.00	1851.03	0.058	No	<0.000014	No	<0.000014	No	0.000025 J	No
9031016-MS09	06/21/16	9	1.223	1368.00	1673.51	0.080	No	<0.000015	No	0.000039	No	0.000043 J	No
9031017-MS14	06/21/16	14	1.225	1360.20	1666.71	0.098	No	<0.000015	No	0.000017	No	0.000056	No
9031018-MS09	06/22/16	9	1.221	1408.80	1720.49	0.050	No	<0.000015	No	0.000021	No	0.000026 J	No
9031019-MS14	06/22/16	14	1.225	1412.40	1730.54	0.053	No	<0.000014	No	<0.000014	No	0.000021 J	No
9031035-MS09	06/23/16	9	1.225	1369.20	1677.04	0.090	No	<0.000015	No	0.000045	No	0.000062	No
9031034-MS14	06/23/16	14	1.227	1354.80	1661.67	0.085	No	<0.000015	No	<0.000015	No	0.000042	No
9031032-MS09	06/27/16	9	1.221	1419.00	1731.22	0.050	No	<0.000014	No	<0.000014	No	0.000025	No
9031033-MS14	06/27/16	14	1.229	1421.40	1747.60	0.052	No	<0.000014	No	<0.000014	No	0.000026	No
9031030-MS09	06/28/16	9	1.218	1429.20	1740.66	0.052	No	<0.000014	No	0.000027	No	0.000026	No
9031031-MS14	06/28/16	14	1.221	1439.40	1757.64	0.048	No	<0.000014	No	<0.000014	No	0.000025	No
9031029-MS09	06/29/16	9	1.216	1473.60	1792.42	0.043	No	<0.000014	No	0.000035	No	<0.000014	No
9031028-MS14	06/29/16	14	1.221	1468.80	1792.68	0.045	No	<0.000014	No	<0.000014	No	0.000016	No
9031027-MS09	07/07/16	9	1.225	1666.80	2041.31	0.015	No	<0.000012	No	<0.000012	No	<0.000012	No
9031026-MS14	07/07/16	14	1.226	1683.00	2063.99	0.018	No	<0.000012	No	<0.000012	No	<0.000012	No
9031025-MS09	07/12/16	9	1.223	1400.40	1713.07	0.034	No	<0.000015	No	<0.000015	No	<0.000015	No
9031024-MS14	07/12/16	14	1.225	1438.80	1762.70	0.036	No	<0.000014	No	<0.000014	No	0.000015	No
9031023-MS09	07/13/16	9	1.224	1423.20	1742.17	0.043	No	<0.000014	No	<0.000014	No	0.000018	No
9031022-MS14	07/13/16	14	1.227	1426.80	1751.34	0.061	No	<0.000014	No	<0.000014	No	0.000028	No
9031021-MS09	07/14/16	9	1.222	1558.20	1904.55	0.047	No	<0.000013	No	0.000015	No	0.000027	No
9031020-MS14	07/14/16	14	1.224	1563.00	1913.82	0.052	No	<0.000013	No	<0.000013	No	0.000032	No
No Sample - MS09 ⁴	07/26/16	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9031036-MS14	07/26/16	14	1.225	1428.00	1749.37	0.024	No	<0.000014	No	<0.000014	No	<0.000014	No
9031039-MS09	08/01/16	9	1.223	1396.20	1708.15	0.028	No	<0.000015	No	<0.000015	No	<0.000015	No
9031038-MS14	08/01/16	14	1.226	1462.80	1793.06	0.027	No	<0.000014	No	<0.000014	No	<0.000014	No
9031040-MS09	08/02/16	9	1.221	1465.20	1789.35	0.046	No	<0.000014	No	0.000015	No	0.000023	No
9031041-MS14	08/02/16	14	1.224	1435.20	1756.78	0.028	No	<0.000014	No	<0.000014	No	<0.000014	No
9031042-MS09	08/08/16	9	1.225	1386.00	1697.37	0.045	No	<0.000015	No	0.000019	No	0.000024	No
No Sample - MS10 ⁵	08/08/16	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9031044-MS09	08/09/16	9	1.224	1413.60	1729.87	0.049	No	<0.000014	No	<0.000014	No	0.000029	No
9031043-MS10	08/09/16	10	1.229	1269.00	1559.52	0.047	No	<0.000016	No	<0.000016	No	0.000024	No
9031046-MS09	08/10/16	9	1.221	1423.20	1737.81	0.034	No	<0.000014	No	<0.000014	No	0.000027	No
9031045-MS10	08/10/16	10	1.224	1432.80	1754.08	0.033	No	<0.000014	No	<0.000014	No	0.000019	No
9031047-MS09	08/11/16	9	1.222	1348.20	1646.94	0.050	No	<0.000015	No	<0.000015	No	0.000034	No
9031048-MS10	08/11/16	10	1.225	1340.40	1641.44	0.037	No	<0.000015	No	<0.000015	No	0.000021	No
9031049-MS09	08/15/16	9	1.223	1316.40	1609.98	0.048	No	<0.000016	No	0.000035	No	0.000047	No
9031050-MS10	08/15/16	10	1.223	1484.40	1815.72	0.038	No	<0.000014	No	<0.000014	No	0.000026	No
9031051-MS09	08/16/16	9	1.221	1441.20	1759.72	0.042	No	<0.000014	No	0.000041	No	0.000032	No
9031052-MS10	08/16/16	10	1.225	1450.80	1777.51	0.021	No	<0.000014	No	<0.000014	No	0.000014	No

Table 4

Total Suspended Particulates, Arsenic, Manganese, and Lead Monitoring ResultsCal-OSHA Permissible Exposure Limits: TSP - 0.5 mg/m³; Arsenic - 0.010 mg/m³; Manganese - 0.2 mg/m³; Lead - 0.05 mg/m³

Sample, Date and Station Information			Sampler Run Information			Total Suspended Particulates		Arsenic		Lead		Manganese	
Sample ID	Sample Start Date ¹	Monitoring Station	Ave Flow Rate (l/min)	Duration of Run (min)	Total Air Volume Monitored (m ³)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)
9031053-MS09	08/17/16	9	1.222	1433.40	1751.99	0.054	No	<0.000014	No	0.000025	No	0.000044	No
9031054-MS10	08/17/16	10	1.225	1443.60	1768.35	0.026	No	<0.000014	No	0.000019	No	0.000020	No
9031055-MS09	08/18/16	9	1.224	1390.80	1702.07	0.051	No	<0.000015	No	0.000021	No	0.000036	No
9031056-MS10	08/18/16	10	1.227	1381.20	1694.14	0.042	No	<0.000015	No	<0.000015	No	0.000025	No
9031057-MS09	08/31/16	9	1.223	1360.80	1664.86	0.086	No	<0.000015	No	0.000043	No	0.000054	No
9031058-MS32	08/31/16	32	1.226	1404.60	1721.98	0.035	No	<0.000015	No	<0.000015	No	<0.000015	No
9031059-MS09	09/01/16	9	1.223	1389.00	1698.45	0.038	No	<0.000015	No	0.000017	No	0.000019	No
9031060-MS32	09/01/16	32	1.225	1371.00	1679.66	0.026	No	<0.000015	No	<0.000015	No	<0.000015	No
9031061-MS09	09/06/16	9	1.230	1397.40	1718.35	0.069	No	<0.000015	No	<0.000015	No	0.000029	No
9031062-MS32	09/06/16	32	1.231	1461.60	1799.78	0.050	No	<0.000014	No	<0.000014	No	<0.000014	No
9031063-MS09	09/07/16	9	1.228	1429.20	1755.03	0.066	No	<0.000014	No	<0.000014	No	0.000026	No
9031064-MS32	09/07/16	32	1.230	1429.80	1757.94	0.046	No	<0.000014	No	<0.000014	No	0.000018	No
9031066-MS09	09/08/16	9	1.222	1405.20	1717.02	0.063	No	<0.000015	No	0.000017	No	0.000033	No
9031065-MS32	09/08/16	32	1.224	1390.20	1701.70	0.030	No	<0.000015	No	<0.000015	No	<0.000015	No
9255305-MS09	09/12/16	9	1.217	1445.40	1762.24	0.036	No	<0.000014	No	<0.000014	No	<0.000014	No
9031067-MS32	09/12/16	32	1.226	1246.20	1527.70	0.037	No	<0.000016	No	<0.000016	No	<0.000016	No
9255306-MS09	09/13/16	9	1.221	1425.60	1740.73	0.044	No	<0.000014	No	<0.000014	No	0.000018	No
9255307-MS32	09/13/16	32	1.226	1429.80	1752.31	0.046	No	<0.000014	No	<0.000014	No	0.000016	No
9255308-MS09	09/14/16	9	1.221	1447.20	1766.57	0.052	No	<0.000014	No	<0.000014	No	0.000026	No
9255309-MS32	09/14/16	32	1.223	1459.80	1785.12	0.031	No	<0.000014	No	<0.000014	No	<0.000014	No
9255310-MS09	09/15/16	9	1.217	1315.80	1584.44	0.051	No	<0.000016	No	<0.000016	No	0.000022 J	No
9255311-MS32	09/15/16	32	1.222	1296.60	1601.34	0.031 J	No	<0.000016	No	<0.000016	No	<0.000016	No
9255312-MS09	09/19/16	9	1.226	1405.80	1723.28	0.046	No	<0.000015	No	<0.000015	No	0.000018 J	No
9255313-MS32	09/19/16	32	1.227	1414.80	1736.44	0.039	No	<0.000014	No	<0.000014	No	<0.000014	No
9255314-MS09	09/20/16	9	1.226	1425.00	1747.35	0.039	No	<0.000014	No	<0.000014	No	0.000016 J	No
9255315-MS32	09/20/16	32	1.224	1440.00	1762.42	0.029	No	<0.000014	No	<0.000014	No	<0.000014	No
9255316-MS09	09/21/16	9	1.219	1425.00	1737.38	0.100	No	<0.000014	No	0.000075	No	0.000059	No
9255317-MS32	09/21/16	32	1.222	1445.40	1766.53	0.046	No	<0.000014	No	<0.000014	No	0.000018 J	No
9255318-MS09	09/22/16	9	1.221	1385.40	1691.13	0.051	No	<0.000015	No	<0.000015	No	0.000020 J	No
9255319-MS32 ⁶	09/22/16	32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9255320-MS09	09/25/16	9	1.231	1438.20	1770.44	0.056	No	<0.000014	No	<0.000014	No	0.000028	No
9255321-MS32	09/25/16	32	1.248	1347.60	1682.22	0.057 J	No	<0.000015	No	<0.000015	No	0.000023	No
9255323-MS09	09/27/16	9	1.221	1419.00	1733.10	0.039	No	<0.000014	No	<0.000014	No	0.000021	No
9255322-MS32	09/27/16	32	1.223	1423.80	1740.67	0.029 J	No	<0.000014	No	<0.000014	No	<0.000014	No
9255324-MS09	09/28/16	9	1.216	1399.80	1702.84	0.067	No	<0.000015	No	0.000017	No	0.000035	No
9255325-MS32	09/28/16	32	1.219	1366.80	1665.67	0.031	No	<0.000015	No	0.000037	No	<0.000015	No
9255327-MS09	09/29/16	9	1.216	1368.60	1664.34	0.042 J	No	<0.000015	No	<0.000015	No	0.000016 J	No
9255326-MS32	09/29/16	32	1.220	1356.00	1654.42	0.030 J	No	<0.000015	No	0.000015	No	<0.000015	No
9255328-MS09	10/03/16	9	1.220	1405.80	1715.78	0.027	No	<0.000015	No	<0.000015	No	<0.000015	No
9255329-MS32	10/03/16	32	1.223	1390.80	1700.49	0.030 J	No	<0.000015	No	<0.000015	No	<0.000015	No

Table 4

Total Suspended Particulates, Arsenic, Manganese, and Lead Monitoring ResultsCal-OSHA Permissible Exposure Limits: TSP - 0.5 mg/m³; Arsenic - 0.010 mg/m³; Manganese - 0.2 mg/m³; Lead - 0.05 mg/m³

Sample, Date and Station Information			Sampler Run Information			Total Suspended Particulates		Arsenic		Lead		Manganese	
Sample ID	Sample Start Date ¹	Monitoring Station	Ave Flow Rate (l/min)	Duration of Run (min)	Total Air Volume Monitored (m ³)	Concentration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)	Concen-tration in Air (mg/m ³)	Exceedance (Yes/No)
9255334-MS09	10/12/16	9	1.219	1454.40	1772.81	0.013 J	No	<0.000014	No	<0.000014	No	<0.000014	No
9255335-MS10	10/12/16	10	1.217	1422.00	1730.21	0.022	No	<0.000014	No	<0.000014	No	<0.000014	No
9255336-MS10	11/09/16	10	1.219	1445.40	1761.94	0.066	No	<0.000014	No	<0.000014	No	0.000033 J	No
9255337-MS09 ⁷	11/9/2016 ⁸	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9255355-MS09	12/12/16	9	1.213	1436.40	1742.03	0.017	No	<0.000014	No	<0.000014	No	<0.000014	No
9255354-MS10	12/12/16	10	1.231	1448.40	1783.24	0.011 J	No	<0.000014	No	<0.000014	No	<0.000014	No
9255356-MS09	12/13/16	9	1.215	1405.20	1707.07	0.022	No	<0.000015	No	0.000026	No	<0.000015	No
9255357-MS10	12/13/16	10	1.209	1404.60	1698.44	0.024	No	<0.000015	No	0.000023	No	<0.000015	No
9255359-MS09	12/14/16	9	1.217	1394.40	1697.62	0.005	No	<0.000015	No	<0.000015	No	<0.000015	No
9255358-MS10	12/14/2016 ⁸	10	1.214	1396.80	1695.43	0.003	No	<0.000015	No	<0.000015	No	<0.000015	No
9255360-MS09 ⁹	01/05/17	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9255361-MS10	01/05/17	10	1.195	1450.80	1734.08	0.015	No	<0.000014	No	<0.000014	No	<0.000014	No
9255360-MS09	01/06/17	9	1.207	1254.00	1513.90	0.022	No	<0.000017	No	<0.000017	No	<0.000017	No
9255362-MS10	01/06/17	10	1.201	1600.80	1922.85	0.018	No	<0.000013	No	<0.000013	No	<0.000013	No
9255363-MS09	01/16/17	9	1.206	1426.20	1720.07	0.030	No	<0.000015	No	<0.000015	No	<0.000015	No
9255364-MS10	01/16/17	10	1.216	1427.40	1732.76	0.036	No	<0.000014	No	<0.000014	No	0.000015 J	No
9255365-MS09	01/17/17	9	1.211	1420.20	1720.24	0.034	No	<0.000015	No	0.000023	No	<0.000015	No
9255366-MS10	01/17/17	10	1.201	1413.60	1698.32	0.062	No	<0.000015	No	0.000024	No	0.000027 J	No

Notes:

¹Air sample was not collected on days with rain or when contaminated soil was not disturbed.²Generator breaker at MS#11 was tripped during sample collection on 11/17/14, 2/19/2015, 4/21/15, 6/17/2015, 8/6/2015, 9/21/2015, 9/23/2015, 12/8/2015³Generator breaker at MS#13 was tripped during sample collection on 2/19/2015, 10/28/2015, 12/9/2015⁴Generator breaker at MS#09 was tripped during sample collection on 7/26/16. No sample taken.⁵Generator breaker at MS#10 was tripped during sample collection on 8/8/16. No sample taken.⁶Generator breaker at MS#32 was tripped during sample collection on 9/22/16. No sample taken.⁷ Pump malfunction at MS#09 on 11/9/16. No sample taken⁸ Site closed for vacation between November 21-25, 2016. December 19, 2016-January 3, 2017.⁹ Generator breaker at MS#09 was tripped immediately after start up on 1/5/2017. No sample taken.

mg = milligrams

mg/m³ = milligrams per cubic meter

< = below detection limit

Samples analyzed by ALS Environmental

Sample locations are shown on Figure 1

* Filter damaged during shipment

J = estimated value

l/min = liters per minute

min = minutes

m³ = cubic meters

Table 5**Polychlorinated Biphenyl and Polycyclic Aromatic Hydrocarbons Monitoring Results**Cal-OSHA Permissible Exposure Limits: Total Polychlorinated Biphenyls - 500 ug/m³; Total Polyaromatic Hydrocarbons - 200 ug/m³

Sample, Date and Station Information			Sampler Run Information			Total PCBs		PAHs	
Sample ID	Sample Start Date ¹	Monitoring Station	Ave Flow Rate (l/min)	Duration of Run (min)	Total Air Volume Monitored (m ³)	Concentration in Air (ug/m ³)	Exceedance (Yes/No)	Concentration in Air (ug/m ³)	Exceedance (Yes/No)
MS11-111114	11/11/14	11	0.272	1458	397.14	<0.0013	No	--	--
MS33-111114	11/11/14	33	0.270	1451	391.47	<0.0013	No	--	--
MS11-111214	11/12/14	11	0.272	1076	292.24	--	--	<0.017	No
MS33-111214	11/12/14	33	0.272	1428	387.83	--	--	<0.013	No
MS11-111314	11/13/14	11	0.273	1243	339.72	0.003	No	--	--
MS33-111314	11/13/14	33	0.274	1379	377.24	<0.0013	No	--	--
MS11-111714 ²	11/17/14	11	NA	NA	NA	NA	NA	NA	NA
MS33-111714	11/17/14	33	0.271	1484	401.84	--	--	<0.012	No
MS11-111814	11/18/14	11	0.272	1417	385.50	<0.0013	No	--	--
MS33-111814	11/18/14	33	0.272	1411	383.99	<0.0013	No	--	--
MS11-112414	11/24/14	11	0.270	1396	376.06	--	--	<0.013	No
MS33-112414	11/24/14	33	0.268	1414	378.50	--	--	<0.013	No
MS11-120114	12/01/14	11	0.271	1367	369.74	0.002	No	--	--
MS13-120114	12/01/14	13	0.269	1436	385.89	<0.0013	No	--	--
MS11-120814	12/08/14	11	0.268	1433	384.27	--	--	<0.013	No
MS13-120814	12/08/14	13	0.267	1481	395.88	--	--	<0.013	No
MS11-120914	12/09/14	11	0.272	1391	378.32	<0.0013	No	--	--
MS13-120914	12/09/14	13	0.272	1406	382.66	<0.0013	No	--	--
MS11-010715	01/07/15	11	0.270	1341	362.61	--	--	<0.014	No
MS13-010715	01/07/15	13	0.272	1401	380.39	--	--	0.025 J	No
MS11-010815	01/08/15	11	0.273	1085	296.53	<0.0017	No	--	--
MS13-010815	01/08/15	13	0.270	1367	368.86	<0.0014	No	--	--
MS11-011215	01/12/15	11	0.270	1397	377.02	0.0022	No	--	--
MS13-011215	01/12/15	13	0.269	1423	382.99	<0.0013	No	--	--
MS11-011315	01/13/15	11	0.273	1402	382.49	--	--	<0.013	No
MS13-011315	01/13/15	13	0.272	1417	385.36	--	--	0.015	No
MS11-011415	01/14/15	11	0.278	1411	390.96	<0.0013	No	--	--
MS13-011415	01/14/15	13	0.277	1413	391.38	<0.0013	No	--	--
MS11-011915	01/19/15	11	0.273	1302	355.47	--	--	<0.014	No
MS13-011915	01/19/15	13	0.272	1394	379.50	--	--	0.015	No
MS11-012015	01/20/15	11	0.269	1421	379.50	0.002	No	--	--
MS13-012915	01/20/15	13	0.268	1375	368.08	<0.0014	No	--	--
MS11-012115	01/21/15	11	0.276	1222	336.95	--	--	<0.015	No
MS13-012115	01/21/15	13	0.274	1410	386.63	--	--	0.016	No
MS11-012615	01/26/15	11	0.271	1393	377.72	<0.0013	No	--	--
MS13-012615	01/26/15	13	0.266	1406	373.57	<0.0013	No	--	--
MS11-012715	01/27/15	11	0.275	1409	396.91	--	--	<0.013	No
MS13-012715	01/27/15	13	0.272	1411	383.74	--	--	0.025	No
MS11-020715	02/09/15	11	0.269	1389	372.96	0.001	No	--	--
MS13-020715	02/09/15	13	0.260	1458	378.77	<0.0013	No	--	--
MS11-021015	02/10/15	11	0.272	1372	372.92	--	--	<0.013	No
MS13-021015	02/10/15	13	0.273	1340	365.97	--	--	<0.014	No
MS11-021115	02/11/15	11	0.273	1441	393.54	<0.0013	No	--	--
MS13-021115	02/11/15	13	0.285	1446	412.33	<0.0012	No	--	--
MS11-021215	02/12/15	11	0.272	1365	370.58	--	--	0.015	No
MS13-021215	02/12/15	13	0.285	1446	395.16	--	--	0.025	No
MS11-021715	02/17/15	11	0.276	1398	385.31	<0.0013	No	--	--
MS13-021715	02/17/15	13	0.283	1409	399.42	<0.0013	No	--	--
MS11-021815	02/18/15	11	0.266	1431	380.88	--	--	<0.013	No
MS13-021815	02/18/15	13	0.286	1439	410.92	--	--	<0.012	No

Table 5**Polychlorinated Biphenyl and Polycyclic Aromatic Hydrocarbons Monitoring Results**Cal-OSHA Permissible Exposure Limits: Total Polychlorinated Biphenyls - 500 ug/m³; Total Polyaromatic Hydrocarbons - 200 ug/m³

Sample, Date and Station Information			Sampler Run Information			Total PCBs		PAHs	
Sample ID	Sample Start Date ¹	Monitoring Station	Ave Flow Rate (l/min)	Duration of Run (min)	Total Air Volume Monitored (m ³)	Concentration in Air (ug/m ³)	Exceedance (Yes/No)	Concentration in Air (ug/m ³)	Exceedance (Yes/No)
MS11-021915	02/19/15	11	0.274	1421	389.58	<0.0013	No	--	--
MS13-021915	02/19/15	13	0.285	1446	409.47	<0.0012	No	--	--
MS11-030915	03/09/15	11	0.267	1415	377.80	--	--	<0.013	No
MS13-030915	03/09/15	13	0.283	1436	402.87	--	--	<0.012	No
MS11-031015	03/10/15	11	0.271	1433	387.89	0.0015	No	--	--
MS13-031015	03/10/15	13	0.293	1421	409.00	<0.0012	No	--	--
MS11-031615	03/16/15	11	0.270	1421	383.64	0.0017	No	--	--
MS13-031615	03/16/15	13	0.284	1446	410.32	<0.0012	No	--	--
MS11-031715	03/17/15	11	0.272	1582	429.94	--	--	<0.012	No
MS13-031715	03/17/15	13	0.279	1547	432.21	--	--	<0.012	No
MS11-033115	03/31/15	11	0.274	1717	470.52	0.0011	No	--	--
MS13-033115	03/31/15	13	0.282	1421	400.55	<0.0012	No	--	--
MS11-041415	04/14/15	11	0.267	1624	433.38	--	--	<0.012	No
MS13-041415	04/14/15	13	0.285	1466	417.87	--	--	<0.012	No
MS11-041515	04/15/15	11	0.264	1576	416.30	<0.0012	No	--	--
MS13-041515	04/15/15	13	0.287	1595	457.12	<0.0011	No	--	--
MS11-042015	04/20/15	11	0.274	1470	402.52	--	--	<0.012	No
MS13-042015	04/20/15	13	0.286	1414	402.96	--	--	<0.012	No
MS11-042115 ²	04/21/15	11	NA	NA	NA	NA	NA	NA	NA
MS13-042115	04/21/15	13	0.287	1432	410.95	<0.0012	--	--	--
MS11-042215	04/22/15	11	0.270	1452	392.16	--	--	<0.013	No
MS11-050615	05/06/15	11	0.260	1418	374.81	<0.00074	No	--	--
MS13-050615	05/06/15	13	0.296	1416	419.07	<0.0012	No	--	--
MS11-050715	05/07/15	11	0.272	1627	443.10	<0.0011	No	--	--
MS13-050715	05/07/15	13	0.292	1461	426.54	<0.0012	No	--	--
MS11-050815	05/08/15	11	0.271	1183	321.00	<0.0016	No	--	--
MS13-050815	05/08/15	13	0.292	1452	423.95	<0.0012	No	--	--
MS11-051115	05/11/15	11	0.268	1633	437.92	<0.0011	No	--	--
MS13-051115	05/11/15	13	0.286	1594	456.31	<0.0011	No	--	--
MS11-051315	05/13/15	11	0.276	1393	384.95	<0.0011	No	--	--
MS13-051315	05/13/15	13	0.286	1412	403.60	<0.0011	No	--	--
MS11-051915	05/19/15	11	0.269	1416	381.99	<0.0013	No	--	--
MS13-051915	05/19/15	13	0.286	1397	399.66	<0.0013	No	--	--
MS11-052015	05/20/15	11	0.271	1550	420.07	0.0014	No	--	--
MS13-052015	05/20/15	13	0.287	1589	456.61	<0.0011	No	--	--
MS11-062215	05/22/15	11	0.267	1435	383.42	<0.0012	No	--	--
MS13-062215	05/22/15	13	0.285	1447	412.65	<0.0012	No	--	--
MS11-062415	06/24/15	11	0.268	1408	377.47	0.0018	No	--	--
MS13-062414	06/24/15	13	0.287	1415	407.92	0.0017	No	--	--
MS11-062515	06/25/15	11	0.268	1408	377.47	--	--	<0.013	No
MS13-062515	06/25/15	13	0.287	1421	407.92	--	--	<0.012	No
MS11-072015	07/20/15	11	0.271	1407	381.21	<0.0012	No	--	--
MS13-072015	07/20/15	13	0.287	1426	408.36	<0.0012	No	--	--
MS11-072115	07/21/15	11	0.269	1438	386.01	<0.0012	No	--	--
MS13-072115	07/21/15	13	0.286	1444	412.85	<0.0012	No	--	--
MS11-072215	07/22/15	11	0.271	1405	381.23	<0.0012	No	--	--
MS13-072215	07/22/15	13	0.289	1422	411.54	<0.0012	No	--	--
MS11-072715	07/27/15	11	0.270	1486	400.72	0.0018	No	--	--
MS13-072715	07/27/15	13	0.286	1493	425.85	<0.0012	No	--	--
MS11-072815	07/28/15	11	0.267	1340	358.25	--	--	<0.014	No

Table 5**Polychlorinated Biphenyl and Polycyclic Aromatic Hydrocarbons Monitoring Results**Cal-OSHA Permissible Exposure Limits: Total Polychlorinated Biphenyls - 500 ug/m³; Total Polyaromatic Hydrocarbons - 200 ug/m³

Sample, Date and Station Information			Sampler Run Information			Total PCBs		PAHs	
Sample ID	Sample Start Date ¹	Monitoring Station	Ave Flow Rate (l/min)	Duration of Run (min)	Total Air Volume Monitored (m ³)	Concentration in Air (ug/m ³)	Exceedance (Yes/No)	Concentration in Air (ug/m ³)	Exceedance (Yes/No)
MS13-072815	07/28/15	13	0.280	1374	384.12	--	--	<0.013	No
MS11-072915	07/29/15	11	0.270	1404	378.85	0.0026 J	No	--	--
MS13-072915	07/29/15	13	0.287	1429	410.05	<0.0012	No	--	--
MS11-073015	07/30/15	11	0.269	1336	359.55	--	--	<0.014	No
MS13-073015	07/30/15	13	0.280	1319	376.78	--	--	<0.013	No
MS11-080315	08/03/15	11	0.268	1397	373.75	0.0014	No	--	--
MS13-080315	08/03/15	13	0.283	1404	397.50	<0.0013	No	--	--
MS11-080415	08/04/15	11	0.268	1451	388.49	--	--	<0.013	No
MS13-080415	08/04/15	13	0.288	1447	415.92	--	--	<0.012	No
MS11-080515	08/05/15	11	0.271	1439	390.20	0.0017	No	--	--
MS13-080515	08/05/15	13	0.286	1435	410.28	<0.0012	No	--	--
MS11-080615	08/06/15	11	0.269	1388	373.41	--	--	<0.013	No
MS13-080615	08/06/15	13	0.283	1406	398.49	--	--	<0.013	No
MS11-081015	08/10/15	11	0.270	1402	378.22	<0.0013	No	--	--
MS13-081015	08/10/15	13	0.284	1414	401.20	<0.0012	No	--	--
MS11-081115	08/11/15	11	0.269	1408	378.69	--	--	<0.013	No
MS13-081115	08/11/15	13	0.286	1424	407.54	--	--	<0.013	No
MS11-081215	08/12/15	11	0.269	1425	383.26	0.0021	No	--	--
MS13-081215	08/12/15	13	0.285	1422	405.74	<0.0012	No	--	--
MS11-081315	08/13/15	11	0.269	1176	316.49	--	--	<0.016	No
MS13-081315	08/13/15	13	0.286	1318	377.27	--	--	<0.016	No
MS11-081715	08/17/15	11	0.265	1405	371.51	<0.0013	No	--	--
MS13-081715	08/17/15	13	0.285	1410	402.06	<0.0012	No	--	--
MS11-081815	08/18/15	11	0.269	1436	385.92	--	--	<0.013	No
MS13-081815	08/18/15	13	0.286	1359	388.51	--	--	<0.013	No
MS11-081915	08/19/15	11	0.270	1369	370.06	<0.0014	No	--	--
MS13-081915	08/19/15	13	0.272	1362	370.27	<0.0014	No	--	--
MS11-082015	08/20/15	11	0.268	1326	354.92	--	--	<0.014	No
MS13-082015	08/20/15	13	0.272	1325	360.31	--	--	<0.014	No
MS11-082415	08/24/15	11	0.269	1430	384.61	0.0014	No	--	--
MS13-082415	08/24/15	13	0.269	1436	386.75	<0.0013	No	--	--
MS11-082515	08/25/15	11	0.269	1411	379.23	--	--	<0.013	No
MS13-082515	08/25/15	13	0.271	1413	383.17	--	--	<0.013	No
MS11-082615	08/26/15	11	0.268	1428	383.08	0.0021 J	No	--	--
MS13-082615	08/26/15	13	0.271	1441	389.83	<0.0013	No	--	--
MS11-082715	08/27/15	11	0.266	1363	362.07	--	--	<0.014	No
MS13-082715	08/27/15	13	0.269	1324	356.74	--	--	0.014	No
MS11-083115	08/31/15	11	0.265	1406	372.01	<0.0013	No	--	--
MS13-083115	08/31/15	13	0.270	1387	374.65	<0.0013	No	--	--
MS11-090115	09/01/15	11	0.268	1455	390.31	--	--	<0.013	No
MS13-090115	09/01/15	13	0.273	1458	397.38	--	--	<0.013	No
MS11-090215	09/02/15	11	0.273	1371	374.01	<0.0013	No	--	--
MS13-090215	09/02/15	13	0.269	1414	379.50	<0.0013	No	--	--
MS11-090315	09/03/15	11	0.269	1316	354.04	--	--	<0.014	No
MS13-090315	09/03/15	13	0.271	1355	367.54	--	--	<0.014	No
MS11-090815	09/08/15	11	0.261	1415	369.35	<0.0014	No	--	--
MS13-090815	09/08/15	13	0.260	1424	369.86	<0.0014	No	--	--
MS11-090915	09/09/15	11	0.266	1412	375.36	--	--	<0.013	No
MS13-090915	09/09/15	13	0.270	1422	383.55	--	--	<0.013	No
MS11-091015	09/10/15	11	0.260	1672	435.01	0.0018	No	--	--

Table 5**Polychlorinated Biphenyl and Polycyclic Aromatic Hydrocarbons Monitoring Results**Cal-OSHA Permissible Exposure Limits: Total Polychlorinated Biphenyls - 500 ug/m³; Total Polyaromatic Hydrocarbons - 200 ug/m³

Sample, Date and Station Information			Sampler Run Information			Total PCBs		PAHs	
Sample ID	Sample Start Date ¹	Monitoring Station	Ave Flow Rate (l/min)	Duration of Run (min)	Total Air Volume Monitored (m ³)	Concentration in Air (ug/m ³)	Exceedance (Yes/No)	Concentration in Air (ug/m ³)	Exceedance (Yes/No)
MS13-091015	09/10/15	13	0.263	1668	438.72	<0.0011	No	--	--
MS11-091415	09/14/15	11	0.264	1439	380.52	--	--	<0.013	No
MS13-091415	09/14/15	13	0.272	1439	391.47	--	--	0.035	No
MS11-091515	09/15/15	11	0.268	1394	374.00	<0.0013	No	--	--
MS13-091515	09/15/15	13	0.273	1423	387.86	<0.0013	No	--	--
MS11-091615	09/16/15	11	0.268	1394	374.00	--	--	<0.014	No
MS13-091615	09/16/15	13	0.273	1423	387.86	--	--	0.043	No
MS11-091715	09/17/15	11	0.230	1365	313.83	0.002	No	--	--
MS13-091715	09/17/15	13	0.273	1351	368.33	<0.0014	No	--	--
MS11-092115	09/21/15	11	0.268	1411	377.83	--	--	<0.013	No
MS11-092115	09/21/15	13	0.279	1376	383.32	--	--	0.016	No
MS11-092215	09/22/15	11	0.266	1420	377.23	<0.0013	No	--	--
MS13-092215	09/22/15	13	0.275	1441	396.29	<0.0013	No	--	--
MS11-100615	10/06/15	11	0.264	1424	376.56	--	--	<0.013	No
MS13-100615	10/06/15	13	0.277	1439	398.02	--	--	<0.013	No
MS11-100715	10/07/15	11	0.255	1411	359.67	<0.0014	No	--	--
MS13-100715	10/07/15	13	0.281	1418	397.80	<0.0014	No	--	--
MS11-100815	10/08/15	11	0.249	1447	360.24	--	--	<0.014	No
MS13-100815	10/08/15	13	0.281	1412	396.85	--	--	<0.013	No
MS11-101315	10/13/15	11	0.270	1390	375.24	0.002	No	--	--
MS13-101315	10/13/15	13	0.274	1409	385.87	<0.0013	No	--	--
MS11-101415	10/14/15	11	0.249	1419	353.79	--	--	<0.014	No
MS13-101415	10/14/15	13	0.276	1436	396.80	--	--	<0.013	No
MS11-101515	10/15/15	11	0.270	1435	387.64	<0.0013	No	--	--
MS13-101515	10/15/15	13	0.280	1436	402.36	<0.0012	No	--	--
MS11-111115	11/11/15	11	0.271	1382	375.11	<0.0013	No	--	--
MS13-111115	11/11/15	13	0.276	1366	377.38	<0.0013	No	--	--
MS11-111615	11/16/15	11	0.266	1429	380.33	--	--	<0.013	No
MS13-111615	11/16/15	13	0.280	1437	402.14	--	--	<0.012	No
MS11-111715	11/17/15	11	0.271	1448	392.94	<0.0013	No	--	--
MS13-111715	11/17/15	13	0.278	1460	405.22	<0.0012	No	--	--
MS11-111815	11/18/15	11	0.269	1394	374.48	--	--	<0.013	No
MS13-111815	11/18/15	13	0.275	1399	384.83	--	--	<0.013	No
MS11-111915	11/19/15	11	0.266	1412	376.04	<0.0013	No	--	--
MS13-111915	11/19/15	13	0.278	1407	390.97	<0.0013	No	--	--
MS11-113015	11/30/15	11	0.264	1424	375.44	<0.0013	No	--	--
MS13-113015	11/30/15	13	0.281	1390	390.56	<0.0013	No	--	--
MS11-120115	12/01/15	11	0.268	1432	383.78	--	--	<0.013	No
MS13-120115	12/01/15	13	0.276	1481	408.55	--	--	0.014	No
MS11-120215	12/02/15	11	0.268	1465	392.66	<0.0013	No	--	--
MS13-120215	12/02/15	13	0.276	1479	407.74	<0.0012	No	--	--
MS11-120715	12/07/15	11	0.268	1459	391.28	--	--	<0.013	No
MS13-120715	12/07/15	13	0.276	1466	404.37	--	--	0.028	No
MS11-120815	12/08/15	11	NA	NA	NA	NA	NA	NA	NA
MS13-120815	12/08/15	13	0.279	1505	419.13	<0.0012	No	--	--
MS11-021516	02/15/16	11	0.290	1403	406.53	--	--	0.013	No
MS13-021516	02/15/16	13	0.297	1433	425.31	--	--	0.530	No
MS11-021616	02/16/16	11	0.286	1435	410.23	0.00069	No	--	--
MS13-021616	02/16/16	13	0.296	1423	421.51	0.00044	No	--	--
MS11-022216	02/22/16	11	0.292	1349	394.05	--	--	<0.013	No

Table 5**Polychlorinated Biphenyl and Polycyclic Aromatic Hydrocarbons Monitoring Results**Cal-OSHA Permissible Exposure Limits: Total Polychlorinated Biphenyls - 500 ug/m³; Total Polyaromatic Hydrocarbons - 200 ug/m³

Sample, Date and Station Information			Sampler Run Information			Total PCBs		PAHs	
Sample ID	Sample Start Date ¹	Monitoring Station	Ave Flow Rate (l/min)	Duration of Run (min)	Total Air Volume Monitored (m ³)	Concentration in Air (ug/m ³)	Exceedance (Yes/No)	Concentration in Air (ug/m ³)	Exceedance (Yes/No)
MS13-022216	02/22/16	13	0.302	1420	428.66	--	--	0.014	No
MS11-022316	02/23/16	11	0.292	1349	393.45	<0.0013	No	--	--
MS13-022316	02/23/16	13	0.301	1092	329.14	<0.0013	No	--	--
MS11-022416	02/24/16	11	0.290	1421	411.49	--	--	<0.012	No
MS13-022416	02/24/16	13	0.295	1677	493.89	--	--	0.013	No
MS11-022516	02/25/16	11	0.292	1405	410.32	<0.0012	No	--	--
MS13-022516	02/25/16	13	0.296	1420	419.90	<0.0012	No	--	--
MS11-022916	02/29/16	11	0.292	1376	402.09	--	--	<0.012	No
MS13-022916	02/29/16	13	0.300	1417	425.01	--	--	0.013	No
MS11-030116	03/01/16	11	0.287	1369	392.68	<0.0013	No	--	--
MS13-030116	03/01/16	13	0.302	1429	431.06	<0.0012	No	--	--
MS11-030216	03/02/16	11	0.292	1426	416.08	--	--	<0.012	No
MS13-030216	03/02/16	13	0.302	1430	431.42	--	--	0.019	No
MS11-030816	03/08/16	11	0.293	1373	401.75	<0.0012	No	--	--
MS13-030816	03/08/16	13	0.302	1400	423.55	<0.0012	No	--	--
MS11-031616	03/16/16	11	0.287	1411	404.58	--	--	<0.012	No
MS13-031616	03/16/16	13	0.296	1426	422.76	--	--	0.015	No
MS11-031716	03/17/16	11	0.291	1381	401.75	<0.0012	No	--	--
MS13-031716	03/17/16	13	0.300	1407	422.63	<0.0012	No	--	--
MS11-032116	03/21/16	11	0.293	1448	423.98	--	--	<0.012	No
MS13-032116	3/21/2016 ³	13	0.301	1435	431.41	--	--	<0.012	No

Notes:

¹PUF sample was not collected on days with rain or when contaminated soil was not disturbed.²Generator breaker at MS#11 was tripped during sample collection on 11/17/14, 4/21/2015, and 12/8/2015.³Excavations were completed 3/21/2016, therefore no PUF samples were required.

PCB = polychlorinated biphenyl

PAH = polycyclic aromatic hydrocarbon

PUF samples are analyzed for PCBs and PAHs alternately on a daily basis.

Total PAHs and PCBs concentrations are calculated based on only detected results.

-- = did not collect sample

J = estimated value

l/min = liters per minute

min = minutes

m³ = cubic meters

ug = micrograms

ug/m³ = micrograms per cubic meter

< = below detection limit